

stryker®
Medical

SOLO *Surgery Platform*

Model 1034

Maintenance Manual

For Parts or Technical Assistance
800-327-0770

INTRODUCTION

Introduction	page 1-1
Specifications	page 1-1
Warning/Caution/Note Information	page 1-1
Warning and Caution Statements	page 1-2
Warranty	page 1-3, 1-4

PREVENTIVE MAINTENANCE

Preventive Maintenance Checklist	page 2-2
Cleaning	page 2-3

MAINTENANCE PROCEDURES

Brake Adjustment	page 3-2
Caster Cover Replacement	page 3-2
Base Hood Removal	page 3-3
Checking Hydraulic Fluid Level	page 3-3
Jack Assembly Removal and Replacement	page 3-4
Constant Flow Jack Descent Rate Adjustment	page 3-5
Adjustable P.C. Valve Replacement	page 3-5
Litter Removal	page 3-6
Trend Crank Assembly Removal	page 3-6
Lateral Tilt Assembly Removal	page 3-7
Outer Box Removal	page 3-7
Lift Gear Replacement	page 3-8
Pneumatic Fowler Adjustment	page 3-8
Foot Section Latch Adjustment	page 3-9
Lubrication Points	page 3-9

QUICK REFERENCE REPLACEMENT PARTS LIST

Quick Reference Replacement Parts List	page 4-1, 4-2
--	---------------

ASSEMBLY DRAWINGS AND PARTS LISTS

Trio Common Components	page 5-3 - 5-10
Base Assembly	page 5-11 - 5-20
Base Pan Assembly	page 5-21
Pedestal Lift Jack Assembly	page 5-22 - 5-24
Pedestal Lift Jack Pump Assembly	page 5-25
Wheel Assembly	page 5-26
Fowler Assembly	page 5-27 - 5-29
Foot Section Receptacle Assembly	page 5-30, 5-31
Foot Assembly	page 5-32, 5-33
Outer Box Assembly	page 5-34, 5-35
Trend Actuator Assembly	page 5-36, 5-37
Trend Inner Screw Assembly	page 5-38
Lateral Tilt Assembly	page 5-40, 5-41
Lateral Tilt Hinge Gear Assembly	page 5-42
Optional Standard I.V. Pole Receptacles	page 5-43
Optional Standard I.V. Pole Assembly	page 5-44
Optional Heavy-Duty I.V. Pole Receptacles	page 5-45
Optional Heavy-Duty I.V. Pole Assembly	page 5-46, 5-47
Optional Oxygen Bottle Holder Assembly	page 5-48
Optional Drape Support Assembly	page 5-49
Optional Direct Clamp	page 5-50
Optional Perineal Pad Assembly	page 5-51
Optional Foot Board/Foot Extender Assembly	page 5-52
Foot/Fowler Option Assembly	page 5-53
Optional Foot/Fowler Assembly	page 5-54, 5-55
Optional Pre-Op/Post-Op Pad Assembly	page 5-56, 5-57
Optional Head Piece Assembly	page 5-58 - 5-61
Optional Foot End Siderail Assembly	page 5-62
Optional Cysto Pan Assembly	page 5-63 - 5-65
Mattresses	page 5-66, 5-67

INTRODUCTION

This manual is designed to assist you with the operation of the Model 1034 Solo Surgery Platform. Read it thoroughly before using the equipment.

The Solo product is designed to be a stationary patient support surface for use in a hospital or outpatient surgery room. It is designed for patients up to 500 pounds. This patient support surface can be used in a variety of positions: level, Trendelenburg, Reverse Trendelenburg, Fowler up, foot section down, foot section removed, lateral tilt or a combination of these positions.

SPECIFICATIONS

Maximum Weight Capacity	500 pounds
Patient Surface Length / Width	78"/27"
Overall Length / Width	80" / 30" (rails down) 33" (rails up)
Minimum / Maximum Height	26"/40"
Fowler Angle	1° to 80°
Foot Section Angle	0° to 50°
Trendelenburg / Reverse Trendelenburg	+20° to -15°
Lateral Tilt	+15° to -15°

Stryker reserves the right to change specifications without notice.

WARNING / CAUTION / NOTE DEFINITION

The words WARNING, CAUTION and NOTE carry special meanings and should be carefully reviewed.

WARNING

The personal safety of the patient or user may be involved. Disregarding this information could result in injury to the patient or user.

CAUTION

These instructions point out special procedures or precautions that must be followed to avoid damaging the equipment.

NOTE

This provides special information to make maintenance easier or important instructions clearer.

Before operating this unit, it is important to read and understand all information in this manual. Carefully read and strictly follow the warnings and cautions listed on this page.

WARNING

The decision to use the Solo patient support surface for an individual surgical patient must be made by a healthcare professional. The use of the Solo product should be based on patients' assessed medical needs. Individual patient assessment and proper patient screening in selection of a surgical support surface is needed to mitigate patient safety issues. All traditional surgical protocols should be followed per AORN guidelines.

Injury could result if the table moves during procedures or examinations or while a patient is getting on or off the table. Always engage the brakes and push on the table to ensure the brakes are securely locked.

Do not rest your feet on the cover of the surgery table base. Injury may occur, especially if the litter is lowered while in a non-horizontal position.

To avoid injury, keep hands/fingers clear of area between the litter frame and the Fowler when lowering the Fowler.

To avoid injury, keep hands/fingers clear of the area between the litter frame and the foot section when lowering the foot section.

Always hold the foot section when adjusting it. The foot section may rise too quickly and injury may result.

To avoid injury, always support the patient's feet and legs when removing the foot section.

Do not sit on the foot section. Sitting on the foot section may result in a fall and injury. When the load on the foot section exceeds 150 pounds, the foot section will lower to prevent the unit from tipping.

To avoid patient falls and injury, always use proper patient restraints when positioning the surgery table litter in Trendelenburg or reverse Trendelenburg or in lateral tilt.

To avoid injury or damage to the equipment, do not allow the siderail to lower on its own.

To avoid patient injury or damage to the unit, remove equipment from the foot end accessory rail before changing the position of the foot section and from the Fowler accessory rail before changing the position of the Fowler.

To avoid patient injury or damage to the unit, remove I.V. poles from the foot end receptacles before lowering the foot section.

Do not sit on the Foot End Back Rest. Excessive weight on the Foot End Back Rest could cause the unit to tip, resulting in injury.

The weight of the patient's head is resting on the head piece and must be supported by the operator when the latches are released and the head piece is being positioned. Failure to adequately support the head piece while positioning the head could result in patient injury.

To avoid possible pinch points when adjusting the head piece, keep your fingers away from the jointed areas.

Do not reach between the side of the head extension and the articulating head piece to pull the release handle. Finger injury could result.

CAUTION

To avoid damage, move any equipment that may hinder motion before raising or lowering the table height and positioning the table.

If the unit is positioned in reverse Trendelenburg with the foot section lowered, the foot section may contact the floor. To avoid damaging the unit, raise the litter or raise the foot section to the flat position before positioning the unit in reverse Trendelenburg.

The weight of the I.V. bags should not exceed 40 pounds.

Warranty

Limited Warranty:

Stryker Medical Division, a division of Stryker Corporation, warrants to the original purchaser that its products should be free from defects in material and workmanship for a period of one (1) year after date of delivery. Stryker's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product which is, in the sole discretion of Stryker, found to be defective. Stryker warrants to the original purchaser that the frame and welds on its beds will be free from structural defects for as long as the original purchaser owns the bed. If requested by Stryker, products or parts for which a warranty claim is made shall be returned prepaid to Stryker's factory. Any improper use or any alteration or repair by others in such manner as in Stryker's judgement affects the product materially and adversely shall void this warranty. Any repair of Stryker products using parts not provided or authorized by Stryker shall void this warranty. No employee or representative of Stryker is authorized to change this warranty in any way.

Stryker Medical stretchers are designed for a 10 year expected life under normal use conditions and appropriate periodic maintenance as described in the maintenance manual for each device.

This statement constitutes Stryker's entire warranty with respect to the aforesaid equipment. STRYKER MAKES NO OTHER WARRANTY OR REPRESENTATION, EITHER EXPRESSED OR IMPLIED, EXCEPT AS SET FORTH HEREIN. THERE IS NO WARRANTY OF MERCHANTABILITY AND THERE ARE NO WARRANTIES OF FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT SHALL STRYKER BE LIABLE HEREUNDER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM OR IN ANY MANNER RELATED TO SALES OR USE OF ANY SUCH EQUIPMENT.

To Obtain Parts and Service:

Stryker products are supported by a nationwide network of dedicated Stryker Field Service Representatives. These representatives are factory trained, available locally, and carry a substantial spare parts inventory to minimize repair time. Simply call your local representative, or call Stryker Customer Service at (800) 327-0770.

Service Contract Coverage:

Stryker has developed a comprehensive program of service contract options designed to keep your equipment operating at peak performance at the same time it eliminates unexpected costs. We recommend that these programs be activated *before* the expiration of the new product warranty to eliminate the potential of additional equipment upgrade charges.

A SERVICE CONTRACT HELPS TO:

- Ensure equipment reliability
- Stabilize maintenance budgets
- Diminish downtime
- Establish documentation for JCAHO
- Increase product life
- Enhance trade-in value
- Address risk management and safety

Warranty

Stryker offers the following service contract programs:

SPECIFICATIONS	GOLD	SILVER	PM* ONLY
Annually scheduled preventative maintenance	X		X
All parts, ** labor, and travel	X	X	
Unlimited emergency service calls	X	X	
Priority one contact; two hour phone response	X	X	X
Most repairs will be completed within 3 business days	X	X	
JCAHO documentation	X	X	X
On-site log book w/ preventative maintenance & emergency service records	X		
Factory-trained Stryker Service Technicians	X	X	X
Stryker authorized parts	X	X	X
End of year summary	X		
Stryker will perform all service during regular business hours (9-5)	X	X	X

* Replacement parts and labor for products under PM contract will be discounted.

** Does not include any disposable items, I.V. poles (except for Stryker HD permanent poles), mattresses, or damage resulting from abuse.

Stryker Medical also offers *personalized service contracts*.

Pricing is determined by age, location, model and condition of product.

**For more information on our service contracts,
please call your local representative or call (800) 327-0770 (option #2).**

Return Authorization:

Merchandise cannot be returned without approval from the Stryker Customer Service Department. An authorization number will be provided which must be printed on the returned merchandise. Stryker reserves the right to charge shipping and restocking fees on returned items.

SPECIAL, MODIFIED, OR DISCONTINUED ITEMS NOT SUBJECT TO RETURN.

Damaged Merchandise:

ICC Regulations require that claims for damaged merchandise must be made with the carrier within fifteen (15) days of receipt of merchandise. DO NOT ACCEPT DAMAGED SHIPMENTS UNLESS SUCH DAMAGE IS NOTED ON THE DELIVERY RECEIPT AT THE TIME OF RECEIPT. Upon prompt notification, Stryker will file a freight claim with the appropriate carrier for damages incurred. Claim will be limited in amount to the actual replacement cost. In the event that this information is not received by Stryker within the fifteen (15) day period following the delivery of the merchandise, or the damage was not noted on the delivery receipt at the time of receipt, the customer will be responsible for payment of the original invoice in full.

Claims for any short shipment must be made within thirty (30) days of invoice.

International Warranty Clause:

This warranty reflects U.S. domestic policy. Warranty outside the U.S. may vary by country. Please contact your local Stryker Medical representative for additional information.

Checklist

- All fasteners secure
- Siderails move and latch properly
- Engage brake pedal and push on the stretcher to ensure all casters lock securely
- Brake pedal adjusted properly (see page 3-2)
- Base release linkage functions properly with weight on unit
- All casters secure and swivel properly
- Body restraints work properly
- I.V. pole intact and operates properly
- I.V. pole receptacle weldments secure
- Fowler operates properly
- Fowler trip bar adjusted properly
- Foot section raises, lowers and latches properly
- Foot section level
- Trendelenburg/Reverse Trendelenburg operates properly
- Lateral tilt operates properly
- No rips or cracks in mattresses/Velcro attachments
- Ground chain intact
- No leaks at hydraulic connections
- Hydraulic lift jack holds properly
- Hydraulic drop rate set properly
- Hydraulic oil level sufficient
- Lubricate as required (see page 3-9)
- Tighten surgery accessory rails on Fowler and seat section
- Accessories and mounting hardware in good condition and working properly

Serial No. _____

Completed By: _____

Date: _____

NOTE

Preventative maintenance should be performed at a minimum of annually. A preventative maintenance program should be established for all Stryker Medical equipment. Preventative maintenance may need to be performed more frequently based on the usage level of the product.

Cleaning

Hand wash all surfaces of the table with warm water and mild detergent. Dry thoroughly. DO NOT STEAM CLEAN, PRESSURE WASH, HOSE OFF OR ULTRASONICALLY CLEAN. Using these methods of cleaning is **not** recommended and may void this product's warranty.

Clean Velcro **AFTER EACH USE**. Saturate Velcro with disinfectant and allow disinfectant to evaporate. (Appropriate disinfectant for nylon Velcro should be determined by the hospital.)

In general, when used in those concentrations recommended by the manufacturer, either phenolic type or quaternary type disinfectants can be used. Iodophor type disinfectants are not recommended for use because staining may result. The following products have been tested and have been found not to have a harmful effect **WHEN USED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDED DILUTION.***

TRADE NAME	DISINFECTANT TYPE	MANUFACTURER	*MANUFACTURER'S RECOMMENDED DILUTION
A33	Quaternary	Airwick (Professional Products Division)	2 ounces/gallon
A33 (dry)	Quaternary	Airwick (Professional Products Division)	1/2 ounce/gallon
Beaucoup	Phenolic	Huntington Laboratories	1 ounce/gallon
Blue Chip	Quaternary	S.C. Johnson	2 ounces/gallon
Elimstaph	Quaternary	Walter G. Legge	1 ounce/gallon
Franklin Phenomysan F2500	Phenolic	Purex Corporation	1 1/4 ounce/gallon
Franklin Sentinel	Quaternary	Purex Corporation	2 ounces/gallon
Galahad	Phenolic	Puritan Churchill Chemical Company	1 ounce/gallon
Hi-Tor	Quaternary	Huntington Laboratories	1/2 ounce/gallon
LPH	Phenolic	Vestal Laboratories	1/2 ounce/gallon
Matar	Phenolic	Huntington Laboratories	1/2 ounce/gallon
Omega	Quaternary	Airwick (Professional Products Division)	1/2 ounce/gallon
Quanto	Quaternary	Huntington Laboratories	1 ounce/gallon
Sanikleen	Quaternary	West Chemical Products	2 ounces/ gallon
Sanimaster II	Quaternary	Service Master	1 ounce/gallon
Vespene	Phenolic	Vestal Laboratories	1 1/4 ounce/ gallon

Quaternary Germicidal Disinfectants, used as directed, and/or Chlorine Bleach products, typically 5.25% Sodium Hypochlorite in **dilutions ranging between 1 part bleach to 100 parts water, and 2 parts bleach to 100 parts water are not considered mild detergents. These products are corrosive in nature and may cause damage to your table if used improperly.** If these types of products are used to clean Stryker equipment, measures must be taken to insure the equipment is rinsed with clean water and thoroughly dried following cleaning. Failure to properly rinse and dry the equipment will leave a corrosive residue on the surface of the equipment, possibly causing premature corrosion of critical components.

NOTE

Failure to follow the above directions when using these types of cleaners may void this product's warranty.

REMOVAL OF IODINE COMPOUNDS

This solution may be used to remove iodine stains from mattress cover surfaces.

1. Use a solution of 1-2 tablespoons Sodium Thiosulfate in a pint of warm water to clean the stained area. Clean as soon as possible after staining occurs. If stains are not immediately removed, allow solution to soak or stand on the surface.
2. Rinse surfaces which have been exposed to the solution in clear water before returning bed to service.

GENERAL INFORMATION

This section contains tool lists and step-by-step procedures to assist with the maintenance and servicing of your equipment.

In the text, the words “right” and “left” refer to the right and left sides of a patient lying face up on the bed.

MAINTENANCE CONTENTS

Brake Adjustment	page 3-2
Caster Cover Replacement	page 3-2
Base Hood Removal	page 3-3
Checking Hydraulic Fluid Level	page 3-3
Jack Assembly Removal and Replacement	page 3-4
Constant Flow Jack Descent Rate Adjustment	page 3-5
Adjustable P.C. Valve Replacement	page 3-5
Litter Removal	page 3-6
Trend Crank Assembly Removal	page 3-6
Lateral Tilt Assembly Removal	page 3-7
Outer Box Removal	page 3-7
Lift Gear Replacement	page 3-8
Pneumatic Fowler Adjustment	page 3-8
Foot Section Latch Adjustment	page 3-9
Lubrication Points	page 3-9

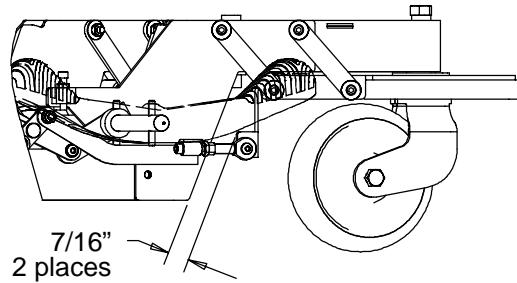
Brake Adjustment

Required Tools:

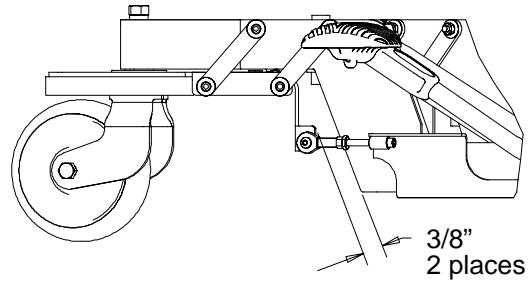
3/16" Allen Wrench 7/16" Wrench

Procedure:

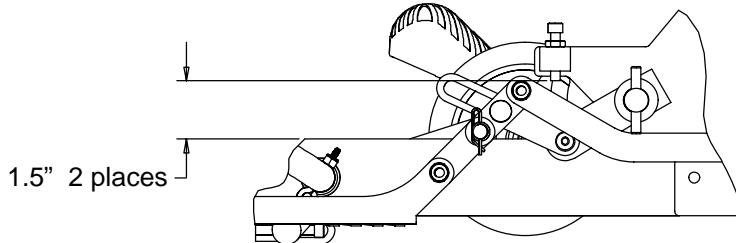
1. Locate the brake ring assembly.
2. To increase the brake force, loosen the 7/16" nut and use a 3/16" Allen wrench to tighten the set screw toward the tie rod until enough brake force to keep the casters from rolling or pivoting is attained.
3. To decrease the brake force, use a 3/16" Allen wrench to turn the set screw away from the tie rod.
4. Tighten the 7/16" nut.



FOOT END BRAKE ADJUSTMENT



HEAD END BRAKE ADJUSTMENT



Caster Cover Replacement

Required Tools:

1/8" Allen Wrench

Procedure:

1. Using a 1/8" Allen wrench, remove the screw and washer holding the caster cover to the wheel assembly.
2. Reuse the screw and washer to install the new caster cover.

Base Hood Removal

Required Tools:

Phillips Screwdriver

Procedure:

1. Engage the wheel brakes.
2. Raise the litter to the full up position.
3. Using a Phillips screwdriver, remove the four screws and 4 U-nuts holding the hood cover plate to the base frame at the head end of the unit.
4. Remove the black hood grommet around the column cover.
5. Remove the base hood.
6. Reverse the above steps to reinstall the hood.

Chapter
Three
Maintenance
Procedures

Checking Hydraulic Fluid Level

Required Tools:

Standard Screwdriver	Phillips Screwdriver	1/8" Allen Wrench
3/4" Open End Wrench	3/8" Open End Wrench	3/16" Allen Wrench
Needle Nose Pliers	7/16" Wrench	

Procedure:

1. Using a standard screwdriver, remove the screw and handle on the Trend crank at the head end of the surgery platform (see page 5-36 for part reference).
2. Remove the base hood assembly (see procedure above).
3. Remove the jack (see page 3-4).
4. Be sure there are no hydraulic leaks. If there are, jack replacement will be necessary.
5. Lower the jack to the full down position.
6. Using a 3/4" open end wrench, slowly turn the fill plug located on the side of the reservoir counterclockwise to allow excess system pressure to vent. Remove the fill plug.
7. The hydraulic fluid should be visible at the bottom of the fill hole. If it is not, add Mobil Aero HFA hydraulic fluid (Stryker part number 2020-70-475) until the fluid is visible at the bottom of the fill hole. Replace the fill plug.

CAUTION

Use of other types of oil may damage hydraulic units.

8. Replace the jack.
9. Reinstall the base hood.

Jack Assembly Removal and Replacement

Required Tools:

Standard Screwdriver	1/8" Allen Wrench	3/8" Wrench
3/16" Allen Wrench	Needle Nose Pliers	7/16" Wrench
Phillips Screwdriver		

Procedure:

1. Engage the wheel brakes.
2. Using a standard screwdriver, remove the screw and handle on the Trend crank at the head end of the surgery platform (see page 5-36 for part reference).
3. To gain access to the bottom of the unit, lift the base at the foot end of the surgery platform and tip up the unit until it rests on its head end.
4. Remove the base hood (see page 3-3).
5. Using needle nose pliers, remove the two extension springs on the head end pump/release pedal actuators.
6. Remove the two roll pins on the inner side of the base frame for the side pump pedal assembly.
7. Using a 7/16" wrench, remove the pump pedal linkage and release mechanism.
8. Remove the 3/16" Allen screw at the top of the jack actuator on the jack cradle support.
9. Using a 7/16" wrench, remove the two sets of nuts and bolts holding the jack assembly to the base.
10. Reverse the above procedure to install the new jack assembly.
11. To test the jack operation before returning the unit to service, pump the lift pedal to raise the jack all the way up and depress the release pedal to lower the jack fully down. Repeat several times.

Constant Flow Jack Descent Rate Adjustment

Adjustment Procedure:

1. Engage the wheel brakes.
2. Pump the litter up to full height.
3. The adjustable jack descent valve has a blue knob on the end and is located on the base of the jack (see page 5-24 for part reference). To adjust the jack descent rate, turn the silver locking ring counterclockwise to loosen it. Turn the blue knob clockwise to increase the litter descent rate. Turn it counterclockwise to decrease the litter descent rate.
4. Adjust the valve so that the jack at the foot end of the stretcher will descend slightly faster than the jack at the head end.

Chapter
Three
Maintenance
Procedures

Adjustable Pressure Compensated (P.C.) Valve Replacement

Required Tools:

Standard Screwdriver	Phillips Screwdriver	1/8" Allen Wrench
13/16" Wrench	3/8" Wrench	

Replacement Procedure:

1. Using a standard screwdriver, remove the screw and handle on the Trend crank at the head end of the surgery platform (see page 5-36 for part reference).
2. Remove the base hood assembly (see page 3-3).
3. Remove the jack assembly (see page 3-4)
4. Push down on the jack actuator to put the jack in the full down position.
5. Using a 13/16" wrench, remove the adjustable P.C. valve.
6. Check for any contaminants in the valve and in the jack base.
7. Install a new P.C. valve. Moisten the O-ring seal with hydraulic fluid to ensure a good seal.
8. Tighten the valve manually and then an additional 1/8-1/4 turn with 13/16" wrench. **Do not over-tighten** or damage may occur to the O-ring seal.
9. Reinstall the jack assembly
10. To test the jack operation before returning the unit to service, pump the lift pedal to raise the jack all the way up and depress the release pedal to lower the jack fully down. Repeat several times.
11. Adjust the jack descent rate, if necessary (reference procedure above).
12. Check for any hydraulic fluid leaks before replacing the base hood.

Litter Removal

Required Tools:

7/32" Hex Allen Wrench 9/16" Open End Wrench

Procedure:

1. Engage the wheel brakes.
2. Lower the litter to the full down position.
3. Using a 7/32" hex Allen wrench and a 9/16" open end wrench, remove the eight Allen bolts and Nylock nuts holding the litter frame to the lateral tilt assembly.
4. With the assistance of another person, lift the litter off the lateral tilt assembly and carefully set it aside.
5. Reverse the above procedure to reinstall the litter.

Trend Actuator Assembly Removal

Required Tools:

5/8" Hex Allen Wrench Needle Nose Pliers

Procedure:

1. Engage the wheel brakes.
2. Using needle nose pliers, remove the rue ring and clevis pin holding the Trend actuator assembly to the outer box assembly.
3. Using a 5/8" hex Allen wrench, remove the two Allen bolts holding the Trend actuator assembly to the lateral tilt assembly.
4. Reverse the above procedure to reinstall.

Lateral Tilt Assembly Removal

Required Tools:

Needle Nose Pliers 7/32" Hex Allen Wrench 9/16" Open End Wrench

Procedure:

1. Engage the wheel brakes.
2. Lower the litter to the full down position.
3. Remove the litter (see page 3-6).
4. Using needle nose pliers, remove the rear ring from the left or right side of the outer box assembly and pull out the trend pivot shaft.
5. Lift the lateral tilt assembly off the base assembly.
6. Reverse the above procedure for reassembly.

Chapter
Three
Maintenance
Procedures

Outer Box Assembly Removal

Required Tools:

Needle Nose Pliers 7/32" Hex Allen Wrench 9/16" Open End Wrench
5/32" Hex Allen Wrench 7/16" Wrench

Procedure:

1. Engage the wheel brakes.
2. Lower the litter to the full down position.
3. Remove the litter (see page 3-6).
4. Remove the lateral tilt assembly (see procedure above).
5. Using a 5/32" hex Allen wrench and a 7/16" wrench, **loosen but do not completely remove** the ten Nylock nuts and six Allen screws holding the gear racks on the outer box assembly.
6. Lift the outer box assembly off the base assembly.
7. Reverse the above procedure for reassembly.

Lift Gear Replacement

Required Tools:

Needle Nose Pliers	7/32" Hex Allen Wrench	9/16" Open End Wrench
5/32" Hex Allen Wrench	7/16" Wrench	T27 Torx Wrench

Procedure:

1. Engage the wheel brakes.
2. Remove the litter (see page 3-6).
3. Remove the lateral tilt assembly (see page 3-7)
4. Remove the outer box assembly (see page 3-7)
5. Remove the T27 Torx head screw holding the lift gear on the gear shaft.
6. Reverse the above steps to install the new gear.

Pneumatic Fowler Adjustment

Required Tools:

5/32" Hex Allen Wrench	1/2" Open End Wrench
------------------------	----------------------

Adjustment Procedure:

1. Engage the wheel brakes.
2. For easier access, move the Fowler to 75° or higher.
3. Using a 1/2" open end wrench, loosen the nuts in the actuator arms on the end of the trip bar.
4. To adjust the Fowler, use a 5/32" hex Allen wrench to turn the Allen set screws 1 to 2 turns counterclockwise if the Fowler will not move or 1 to 2 turns clockwise if the Fowler will not hold its position.
5. Retighten the nuts. Be sure the Fowler will travel from flat to 90° and down again and will hold its position when weight is applied before returning the unit to service.

Foot Section Latch Adjustment

Required Tools:

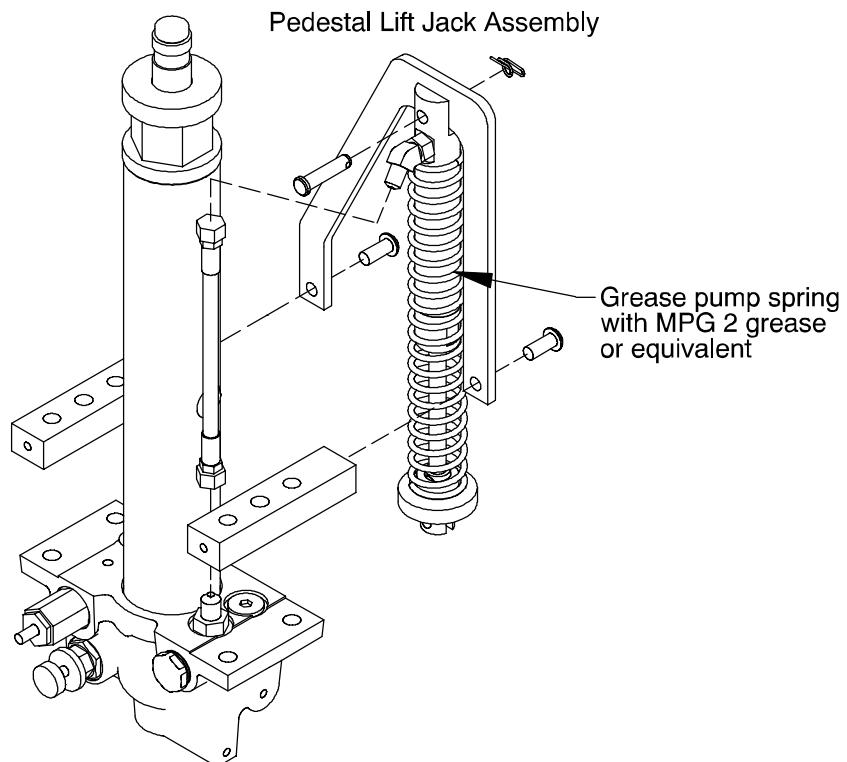
3/32" Hex Allen Wrench

Adjustment Procedure:

1. Engage the wheel brakes.
2. Remove the foot section from the unit and turn it over.
3. Using a 3/32" hex Allen wrench, loosen the Allen screw on the red release handle.
4. Move the handle until the desired locking force is achieved.
5. Tighten the Allen screw.

C
Ma chapter
Pr Three
intenance

Lubrication Points



Notes

<u>PART NAME</u>	<u>PART NUMBER</u>
Air Delivery/Drape Support Assembly	1068-168-000
Direct Clamp	1068-054-010
Foot Board/Foot Extender Assembly	1033-130-010
Gas Spring, Fifth Wheel	5010-040-010
Gas Spring, Fowler & Foot Section	0360-031-077
Hydraulic Oil, Mobil Aero HFA - 1 Quart	2020-070-475
I.V. Pole Assembly, Standard, Removable	0721-047-006
I.V. Pole Assembly, 3-Stage, Heavy-Duty	1033-110-110
I.V. Pole Receptacles, Standard I.V.	1033-110-030
I.V. Pole Receptacles, 3-Stage Heavy-Duty I.V.	1033-110-130
Jack Assembly, Pedestal Lift	1033-001-050
Jack Pressure Control (P.C.) Valve	5050-070-050
Jack Pump Assembly	1033-001-070
Label, Brake Pedal, Left Side	1034-090-025
Label, Brake Pedal, Right Side	1034-090-026
Label, Descent Pedal, Left Side	1033-090-030
Label, Descent Pedal, Right Side	1033-090-028
Label, "Do Not Sit on Foot Section"	1033-090-034
Label, Pump Pedal, Left Side	1033-090-029
Label, Pump Pedal, Right Side	1033-090-027
Label, Trendelenburg	1033-090-031
Mattress Assembly, 3" Ultra-Comfort, Foot Section	1034-041-020
Mattress Assembly, 3" Ultra-Comfort, Fowler/Seat Section	1034-041-010
Mattress Assembly, 3" Ultra-Comfort Set	1034-041-001
Oxygen Bottle Holder Assembly, Upright	1010-030-000
Pedal, "Butterfly" Brake	1033-001-233
Pedal, Pump, Plastic	1033-001-240
Perineal Pad Assembly	1034-041-201
Perineal Pad, 3" Cushion	1034-041-030

<u>PART NAME</u>	<u>PART NUMBER</u>
Restraint Strap, Ankle	0946-043-100
Restraint Strap, Body	0390-019-000
Restraint Strap, Chest	1010-058-000
Restraint Strap, Wrist	0946-044-100
Restraint Straps, Full Patient Security Package	1010-077-000
Wheel Assembly	1033-001-225
Wheel Covers (set of 4)	1033-001-301

GENERAL INFORMATION

This section contains assembly drawings and parts lists to assist with the identification of individual components of the equipment and accessories.

In the parts lists, the words “right” and “left” refer to the right and left sides of a patient lying face up on the stretcher.

ASSEMBLY DRAWINGS AND PARTS LISTS CONTENTS

Trio Common Components	page 5-3 - 5-10
Base Assembly	page 5-11 - 5-20
Base Pan Assembly	page 5-21
Pedestal Lift Jack Assembly	page 5-22 - 5-24
Pedestal Lift Jack Pump Assembly	page 5-25
Wheel Assembly	page 5-26
Fowler Assembly	page 5-27 - 5-29
Foot Section Receptacle Assembly	page 5-30, 5-31
Foot Assembly	page 5-32, 5-33
Outer Box Assembly	page 5-34, 5-35
Trend Actuator Assembly	page 5-36, 5-37
Trend Inner Screw Assembly	page 5-38
Lateral Tilt Assembly	page 5-40, 5-41
Lateral Tilt Hinge Gear Assembly	page 5-42
Optional Standard I.V. Pole Receptacles	page 5-43
Optional Standard I.V. Pole Assembly	page 5-44
Optional Heavy-Duty I.V. Pole Receptacles	page 5-45
Optional Heavy-Duty I.V. Pole Assembly	page 5-46, 5-47
Optional Oxygen Bottle Holder Assembly	page 5-48
Optional Drape Support Assembly	page 5-49
Optional Direct Clamp	page 5-50
Optional Perineal Pad Assembly	page 5-51
Optional Foot Board/Foot Extender Assembly	page 5-52

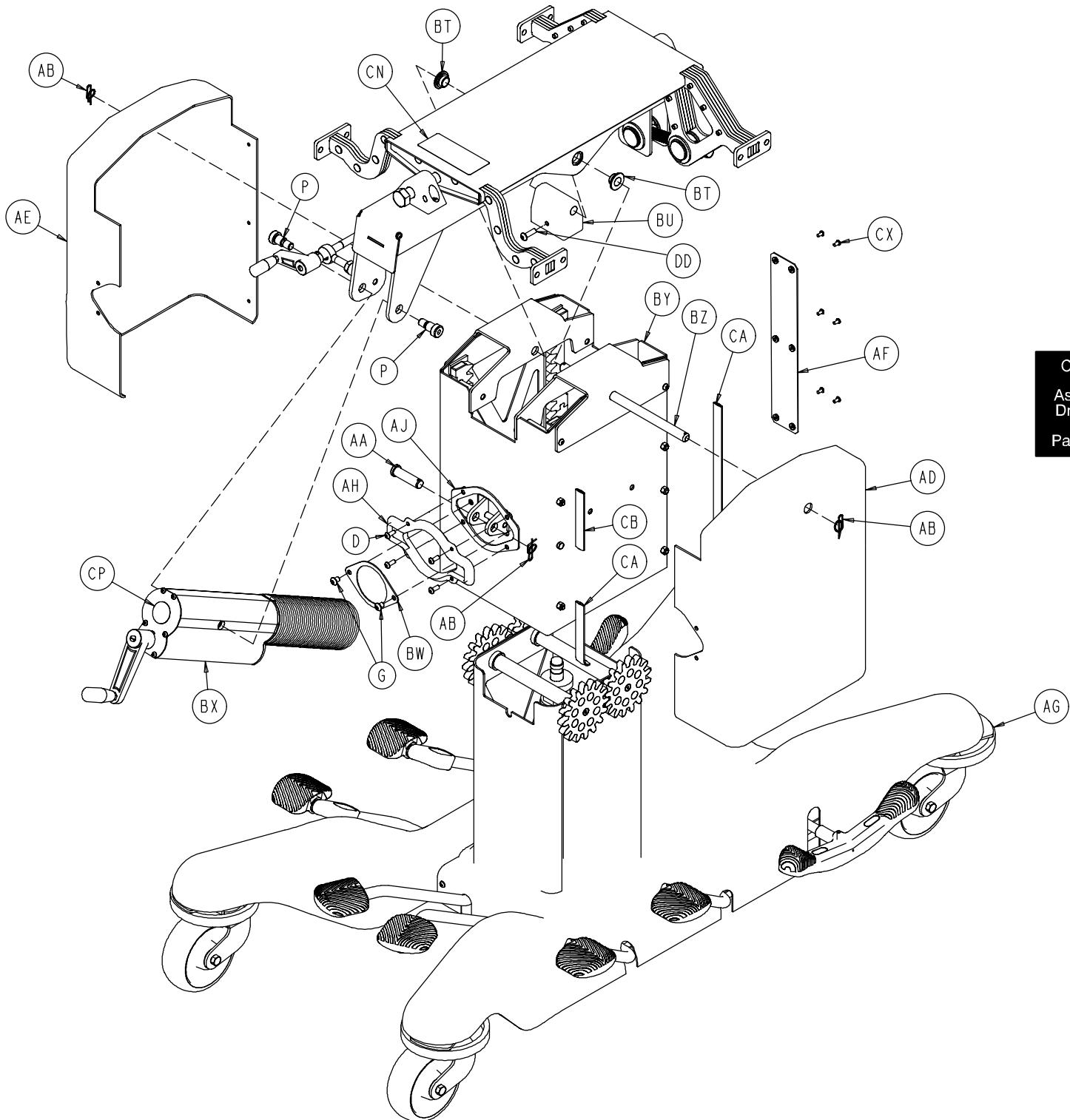
Chapter
Five
Assemblies
and
Parts Lists

ASSEMBLY DRAWINGS AND PARTS LISTS CONTENTS (CONTINUED)

Foot/Fowler Option Assembly	page 5-53
Optional Foot/Fowler Assembly	page 5-54, 5-55
Optional Pre-Op/Post-Op Pad Assembly	page 5-56, 5-57
Optional Head Piece Assembly	page 5-58 - 5-61
Optional Foot End Siderail Assembly	page 5-62
Optional Cysto Pan Assembly	page 5-63 - 5-65
Mattresses	page 5-66, 5-67

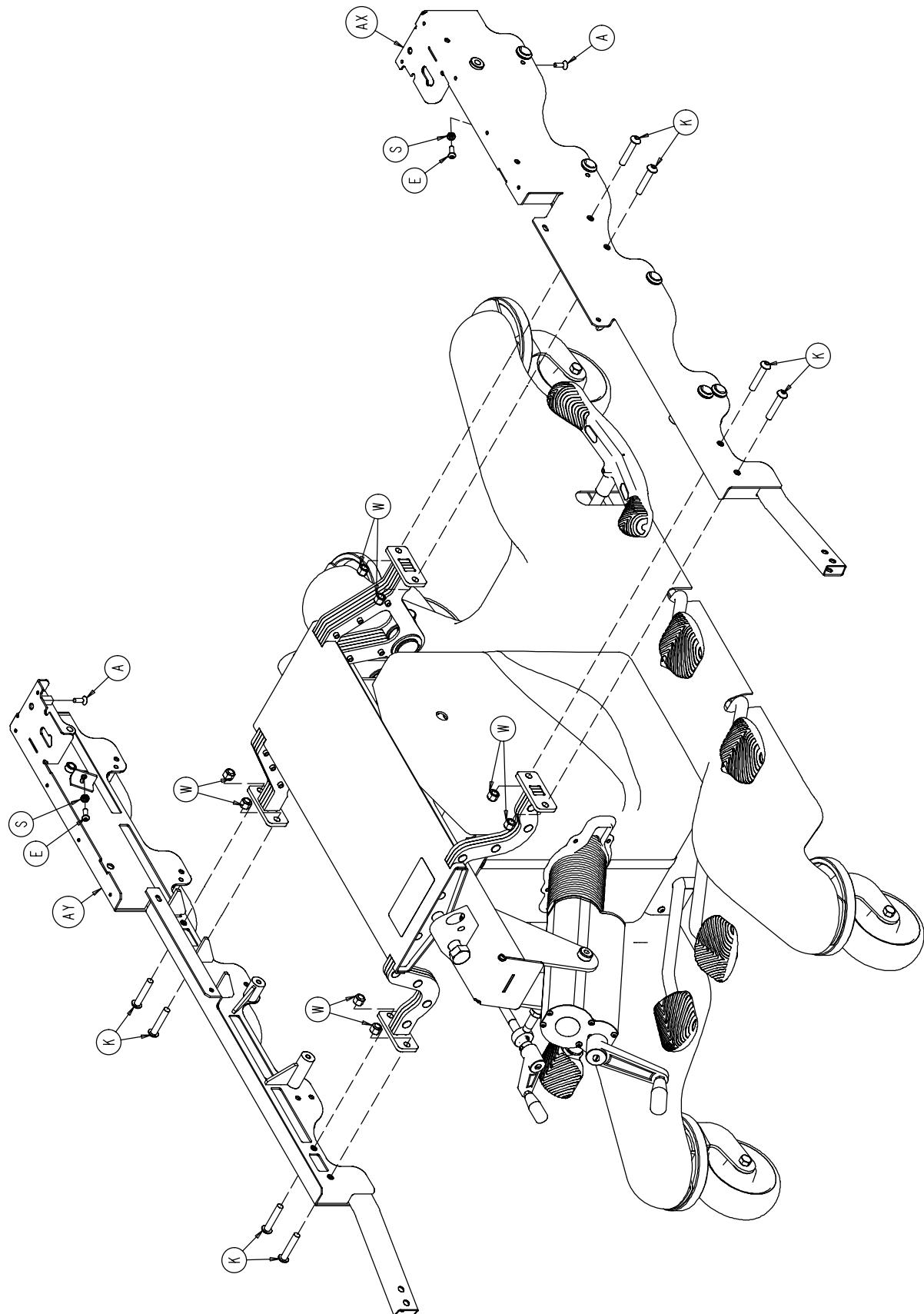
Surgery Platform Common Components

Assembly part number 1034-026-010
(reference only)

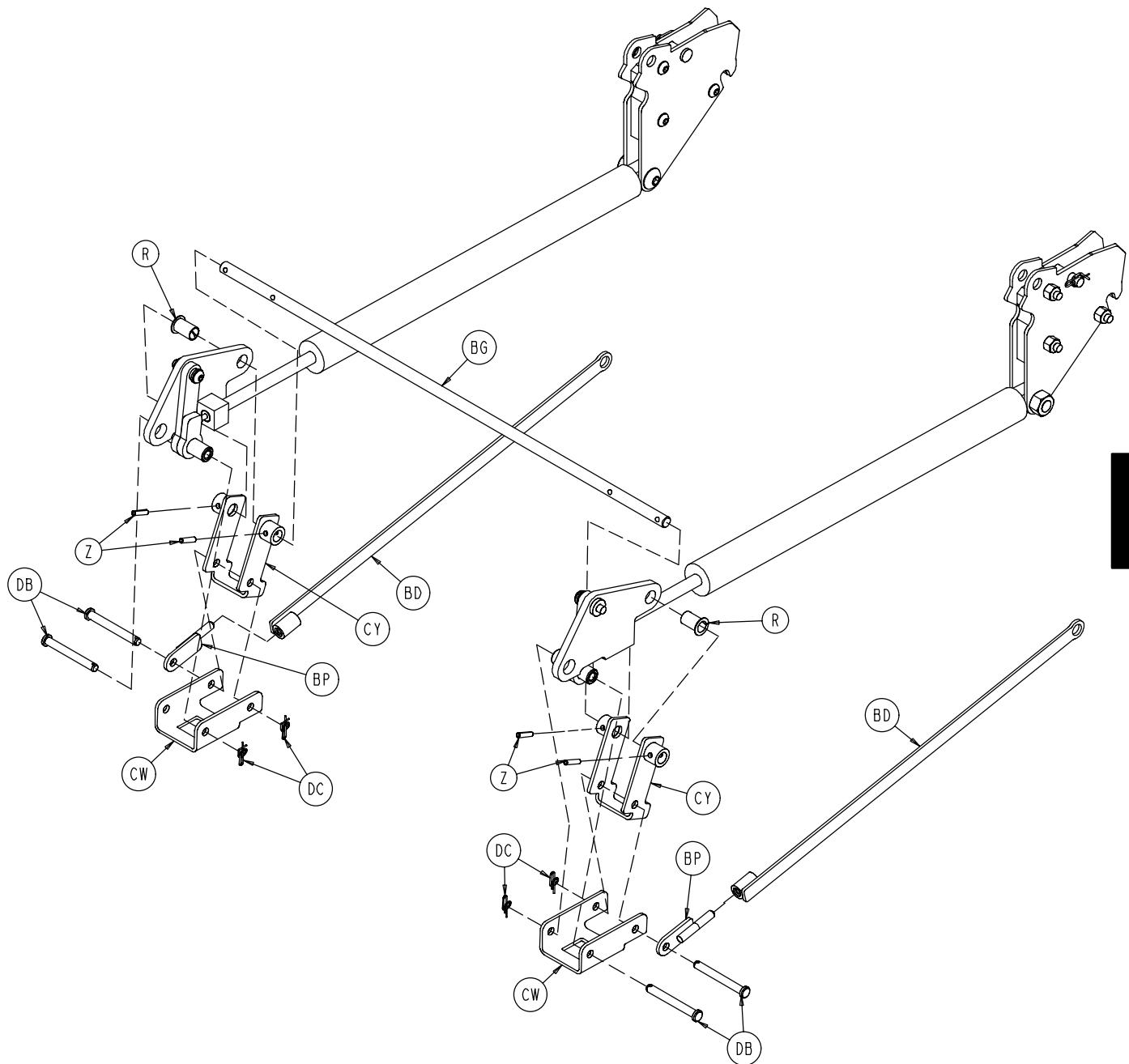


Chapter
Five
Assembly
Drawings
and
Parts Lists

Surgery Platform Common Components

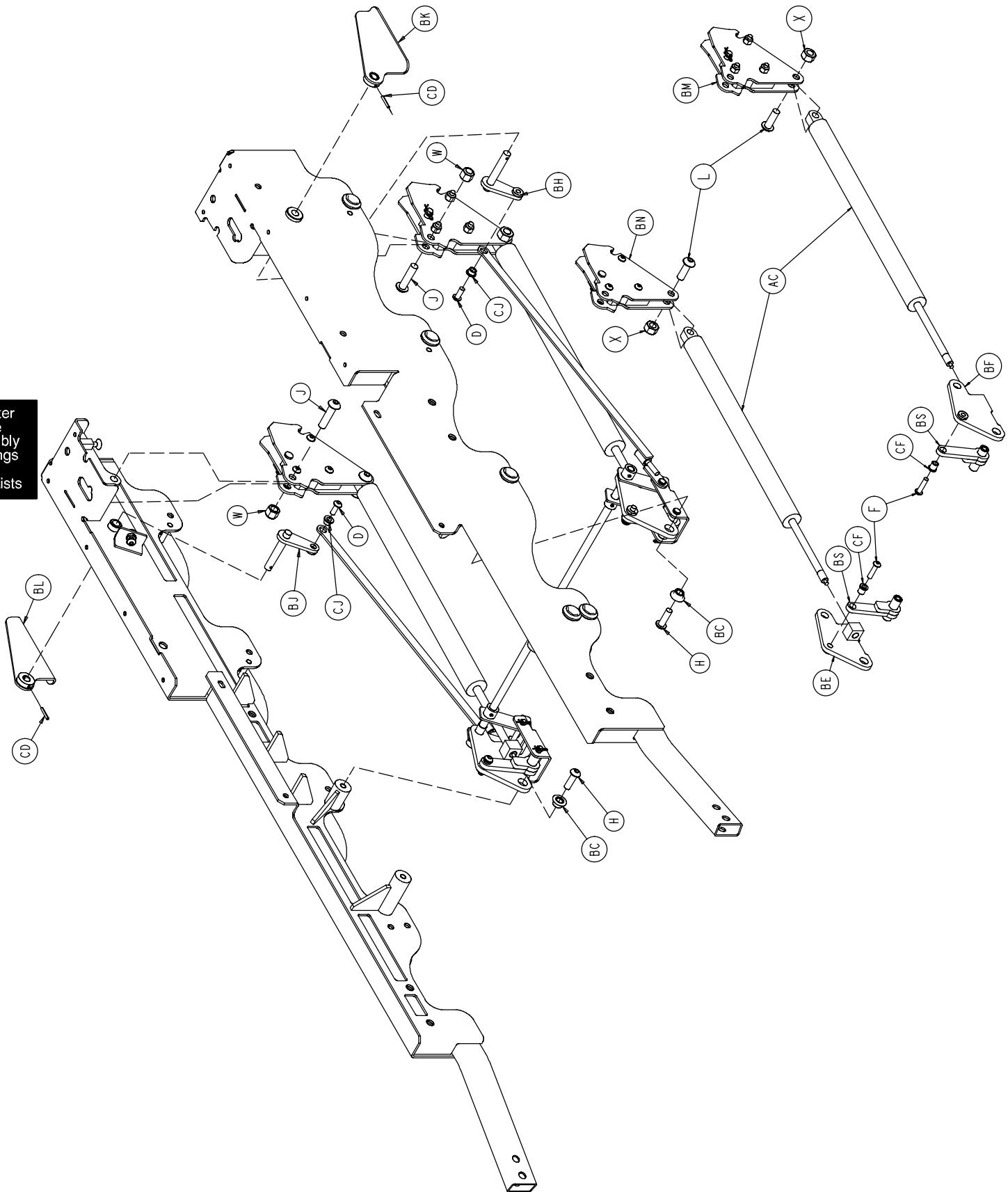


Surgery Platform Common Components

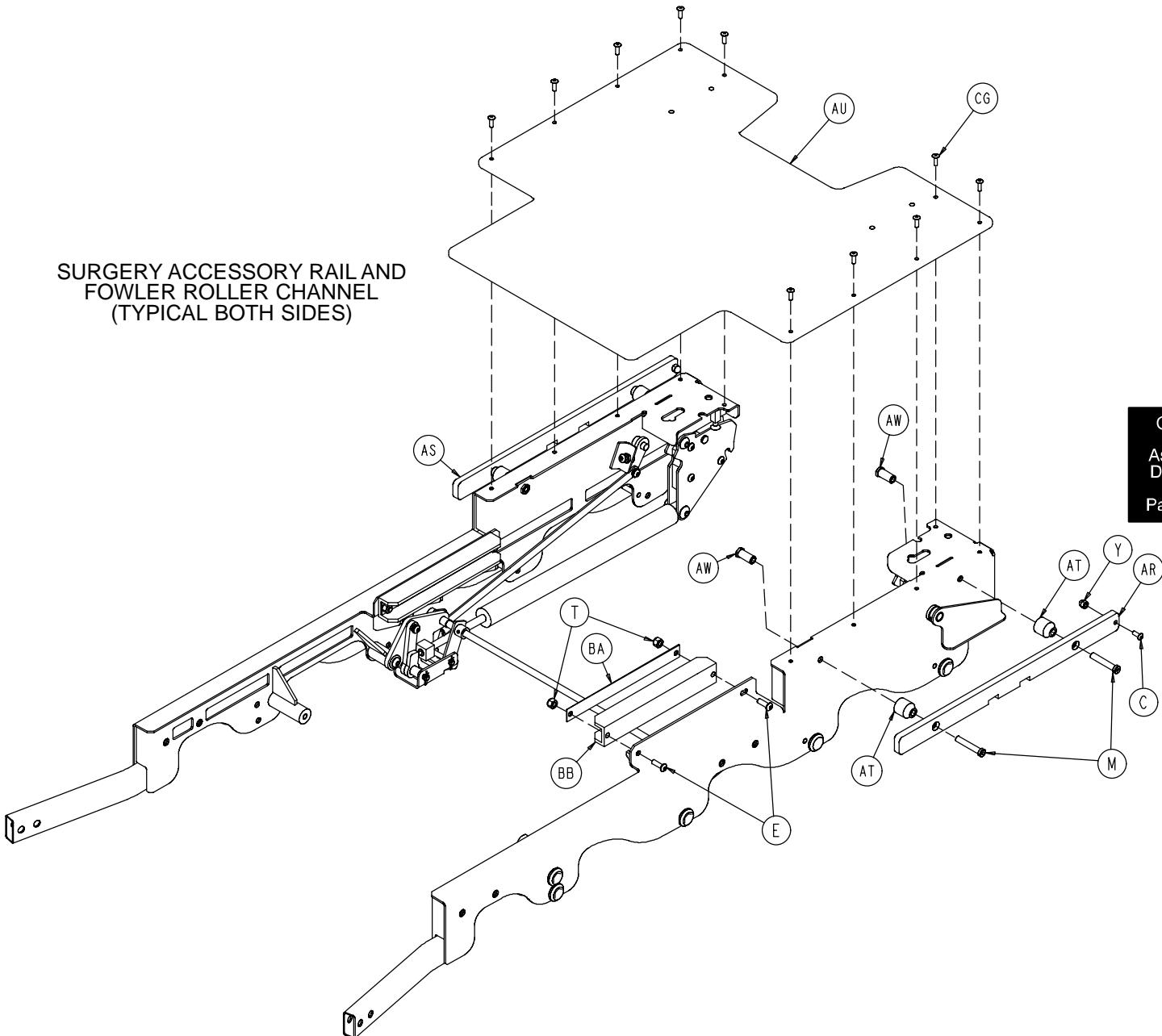


Chapter
Five
Assembly
Drawings
and
Parts Lists

Surgery Platform Common Components

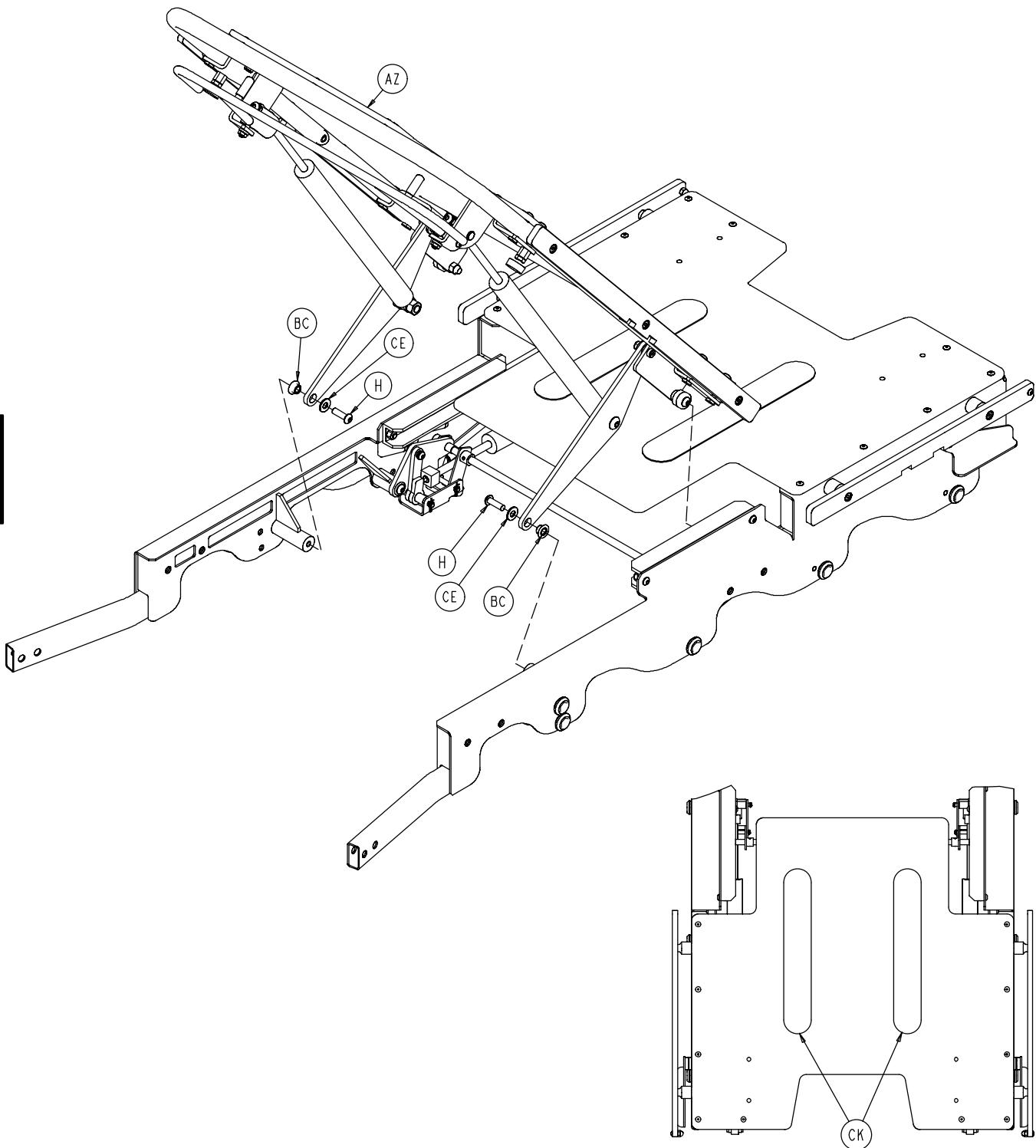


Surgery Platform Common Components

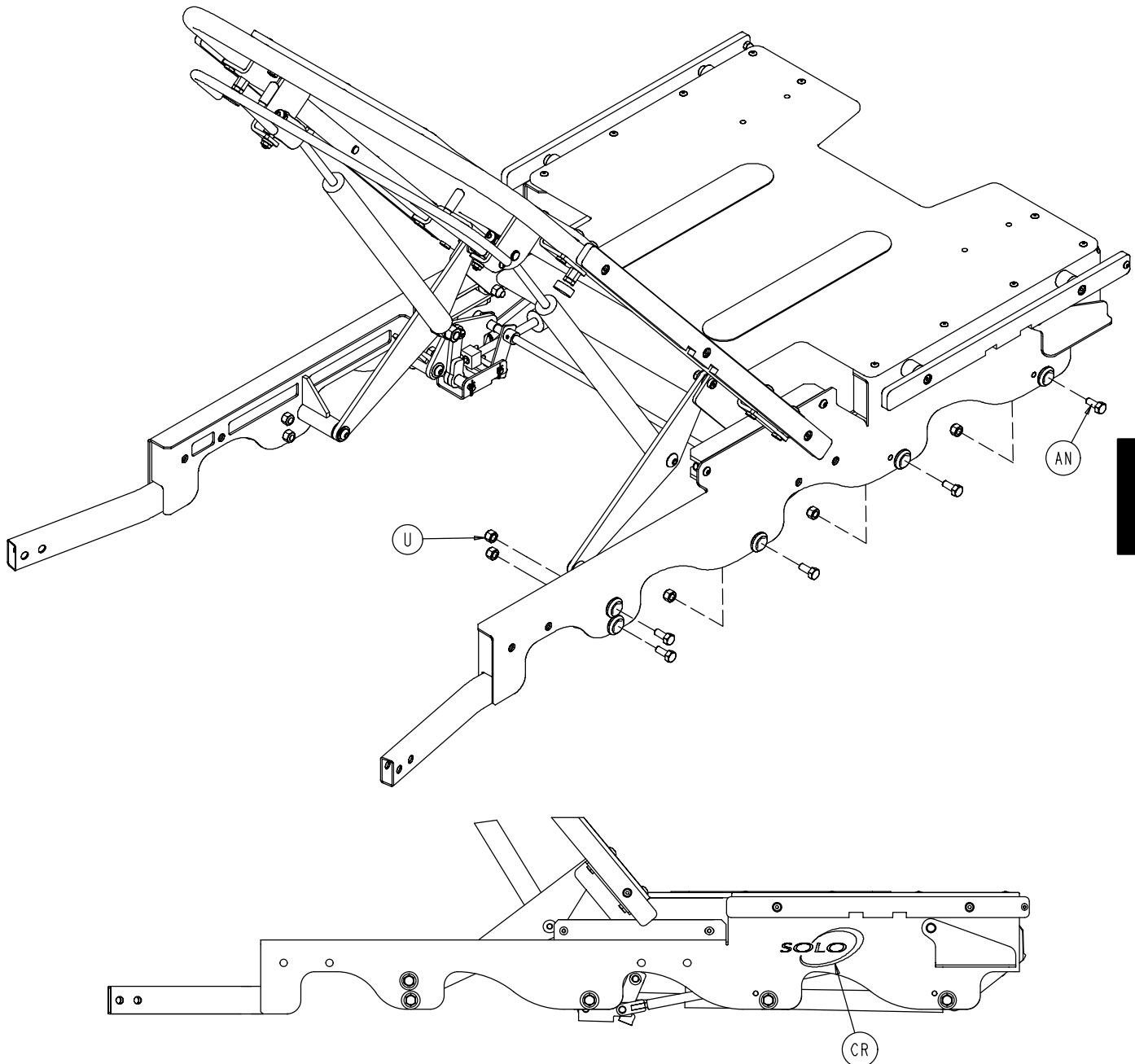


Chapter
Five
Assembly
Drawings
and
Parts Lists

Surgery Platform Common Components



Surgery Platform Common Components



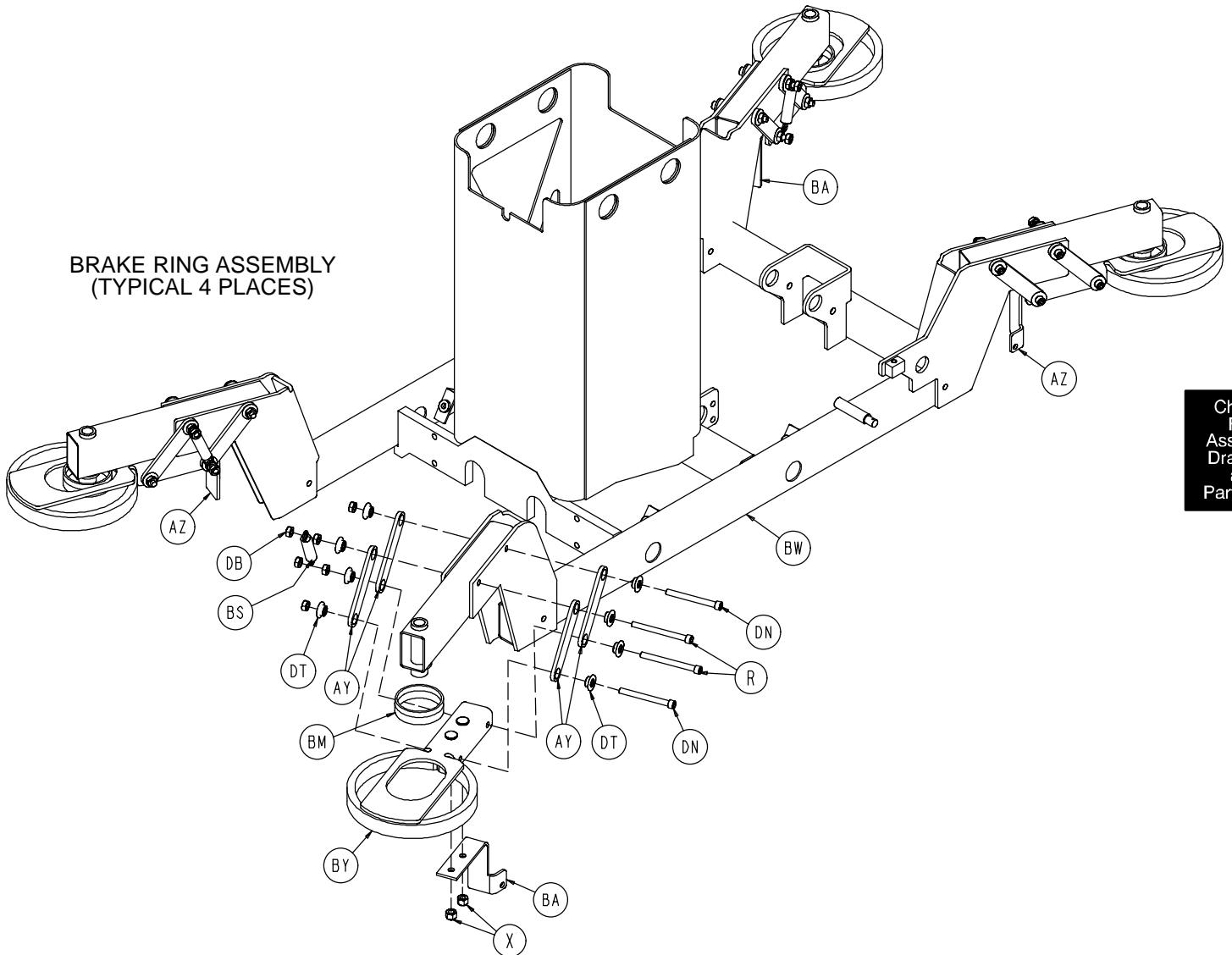
Chapter
Five
Assembly
Drawings
and
Parts Lists

Surgery Platform Common Components

Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	0001-001-000	Flat Hd. Socket Screw	2	BC	1033-031-071	Fowler Link Bushing	4
C	0004-356-000	But. Hd. Cap Screw	2	BD	1033-032-420	Foot Release Link	2
D	0004-156-000	But. Hd. Cap Screw	6	BE	1033-032-430	Ft. Cylinder Rel. Block, Rt.	1
E	0004-358-000	But. Hd. Cap Screw	6	BF	1033-032-435	Ft. Cylinder Rel. Block, Lt.	1
F	0004-359-000	But. Hd. Cap Screw	2	BG	1033-032-436	Ft. Rel Handle. Cross Rod	1
G	0004-479-000	But. Hd. Cap Screw	2	BH	1033-032-540	Ft.Hand. Rel. Timing, Rt.	1
H	0004-363-000	But. Hd. Cap Screw	4	BJ	1033-032-545	Ft.Hand. Rel. Timing, Lt.	1
J	0004-366-000	But. Hd. Cap Screw	2	BK	1033-032-140	Foot Release Handle, Rt.	1
K	0004-145-000	But. Hd. Cap Screw	8	BL	1033-032-145	Foot Release Handle, Lt.	1
L	0004-369-000	But. Hd. Cap Screw	2	BM	(page 5-30)	Foot Receptacle Ass'y, Rt.	1
M	0004-371-000	Low Soc. Hd. Cap Scr.	4		(page 5-31)	Foot/Fowler Recept., Rt.	1
P	0008-059-000	Soc. Hd. Shoulder Screw	2	BN	(page 5-30)	Foot Receptacle Ass'y, Lt.	1
R	0052-815-000	Nyliner	2		(page 5-31)	Foot/Fowler Recept., Lt.	1
S	0015-066-000	Hex Jam Nut	2	BP	1033-032-560	Foot Release Adjust	2
T	0016-122-000	Nylock Nut	4	BS	1033-032-580	GS Lever	2
U	0016-123-000	Nylock Nut	10	BT	1033-033-026	Trend Flange Bearing	2
W	0016-124-000	Nylock Nut	10	BU	1033-033-031	Jack Trend Pivot Block	1
X	0016-126-000	Hex Nylock Nut	2	BW	1033-033-038	Tr. Bellows Outer Box Plate	1
Y	0017-023-000	Acorn Nut	2	BX	(page 5-36)	Trend Actuator Assembly	1
Z	0026-314-000	Slotted Spring Pin	4	BY	(page 5-34)	Outer Box Assembly	1
AA	0026-317-000	Clevis Pin	1	BZ	1033-034-021	Trend Pivot Shaft	1
AB	0027-024-000	Rue Ring Cotter	3	CA	1033-001-232	15.5" Extrusion Profile	1
AC	0360-031-077	Gas Cylinder	2	CB	1033-001-232	5.50" Extrusion Profile	1
AD	1033-001-004	Outer Box Cover, Right	1	CC	1033-001-232	4.75" Extrusion Profile	1
AE	1033-001-005	Outer Box Cover, Left	1	CD	0026-006-000	Spring Pin	2
AF	1033-001-009	O. B. Cov. Attach. Strip	1	CE	0011-447-000	Washer	2
AG	(page 5-11)	Base Assembly	1	CF	0081-327-000	Flange Bearing	2
AH	1033-001-045	Cover/Interface Bellows	1	CG	0025-133-000	Blind Rivet	2
AJ	1033-001-046	Bellows/Cover Plate	1	CH	0081-229-000	Bearing	8
AN	8839-793-700	Cap Screw	10	CJ	0081-293-000	Flange Bearing	2
AR	1033-030-031	Seat Surgery Acc. Rail, Rt.	1	CK	7900-001-102	12" Velcro Pile	2
	1033-630-031	Int. Surgery Acc. Rail, Rt.	1	CN	1034-090-021	Specification Label	1
AS	1033-030-032	Seat Surgery Acc. Rail, Lt.	1	CP	1033-090-031	Trend Label	1
	1033-630-032	Int. Surgery Acc. Rail, Lt.	1		1033-090-131	International Trend Label	1
AT	1033-030-033	Surgery Acc. Rail Spacer	4	CR	1034-090-024	Solo Logo Label	2
AU	1033-030-434	Seat Skin	1	CW	1033-032-571	Relay Bracket	2
AW	1033-030-035	Barrel Nut	4	CX	0004-073-000	But. Hd. Cap Screw	6
AX	1033-030-400	Litter Frame Weldment, Rt.	1	CY	1033-032-440	Shaft Pivot Bracket	2
AY	1033-030-405	Litter Frame Weldment, Lt.	1	DB	0026-334-000	Clevis Pin	4
AZ	(page 5-27)	Fowler Assembly	1	DC	0027-020-000	Rue Ring Cotter	4
BA	1033-031-029	Fowler Roller Rub Strip	2	DD	0004-484-000	But. Hd. Cap Screw	1
BB	1033-031-031	Fowler Roller Channel	2				

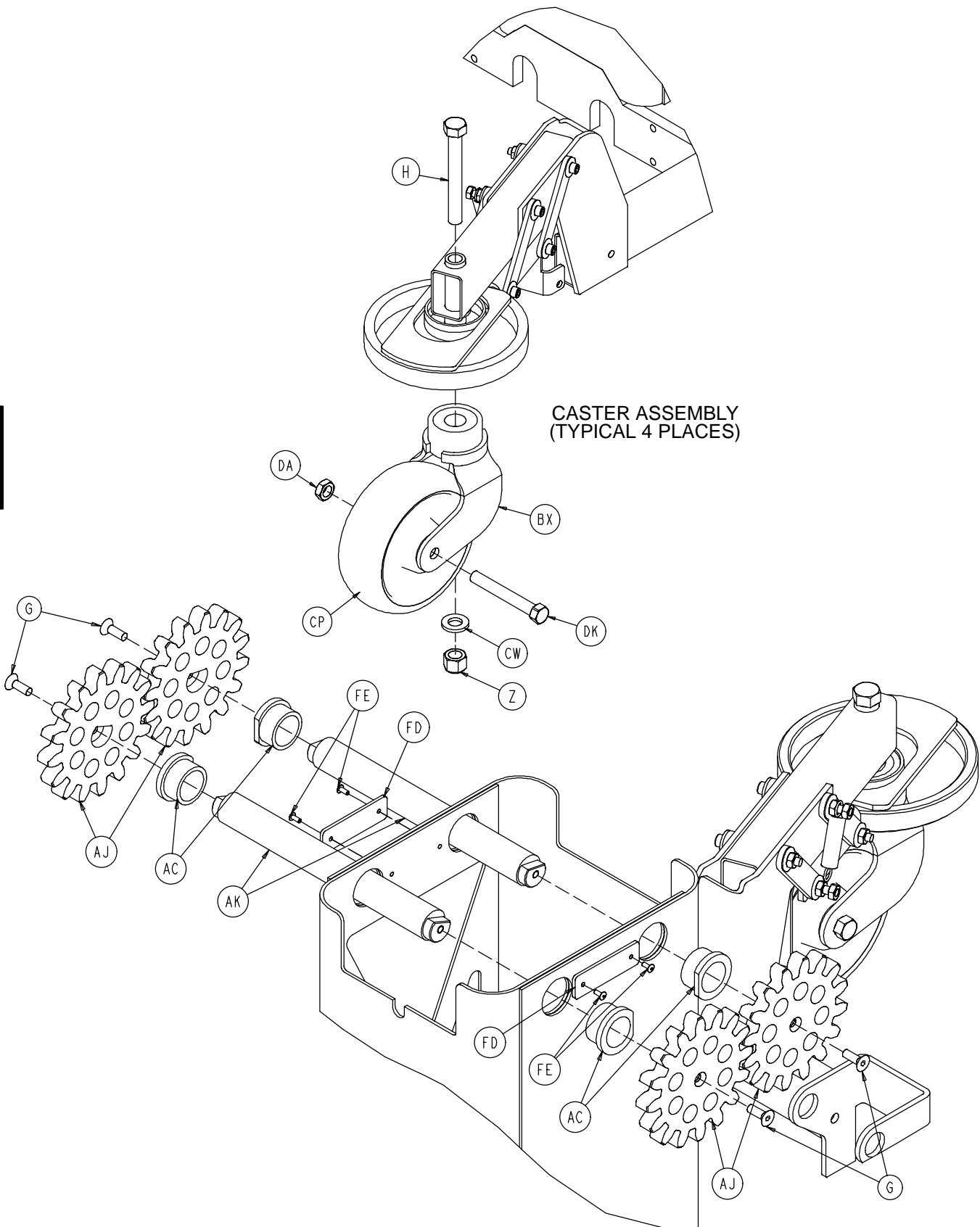
Base Assembly

Assembly part number 1034-001-010 (reference only)

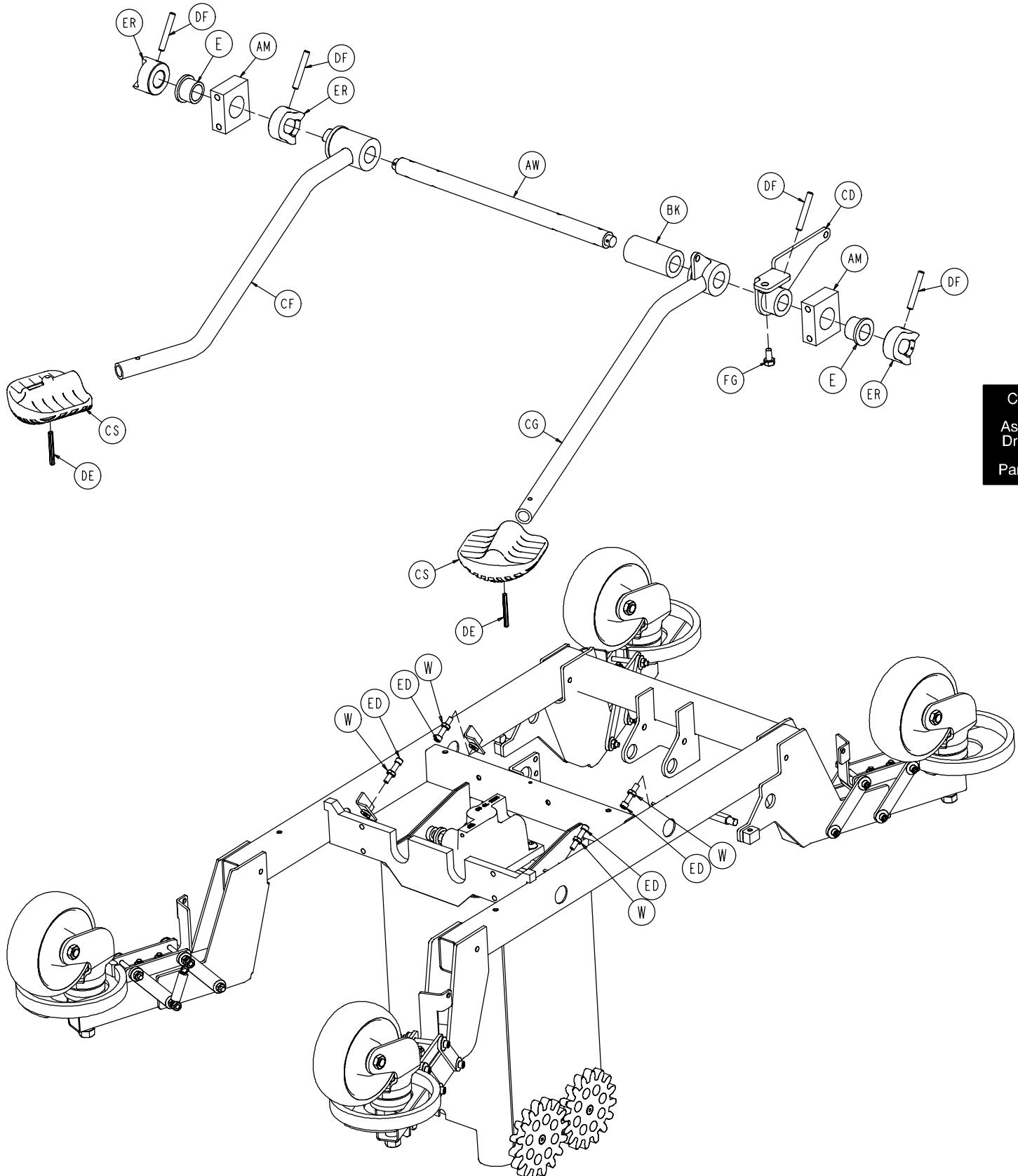


Chapter
Five
Assembly
Drawings
and
Parts Lists

Base Assembly

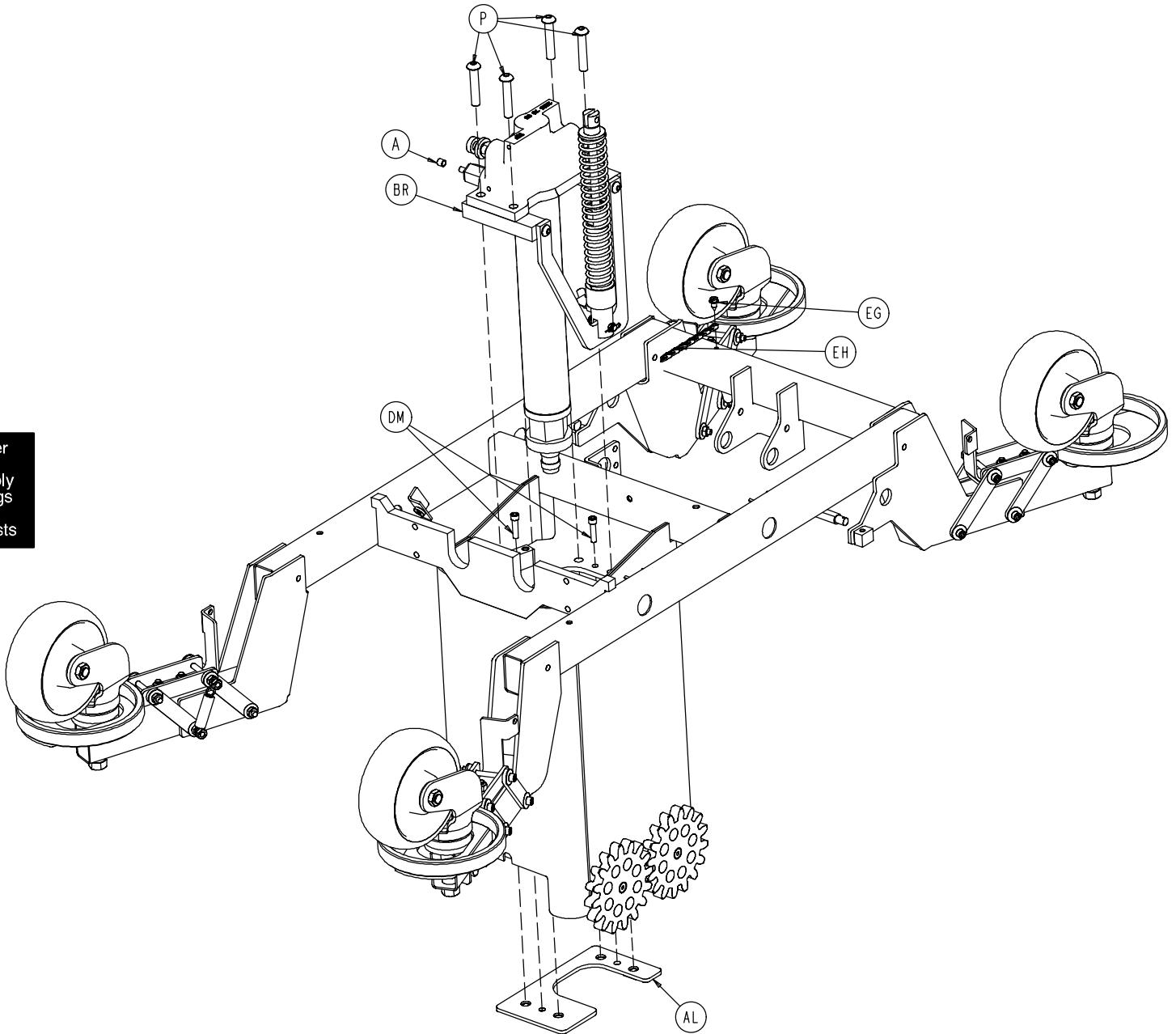


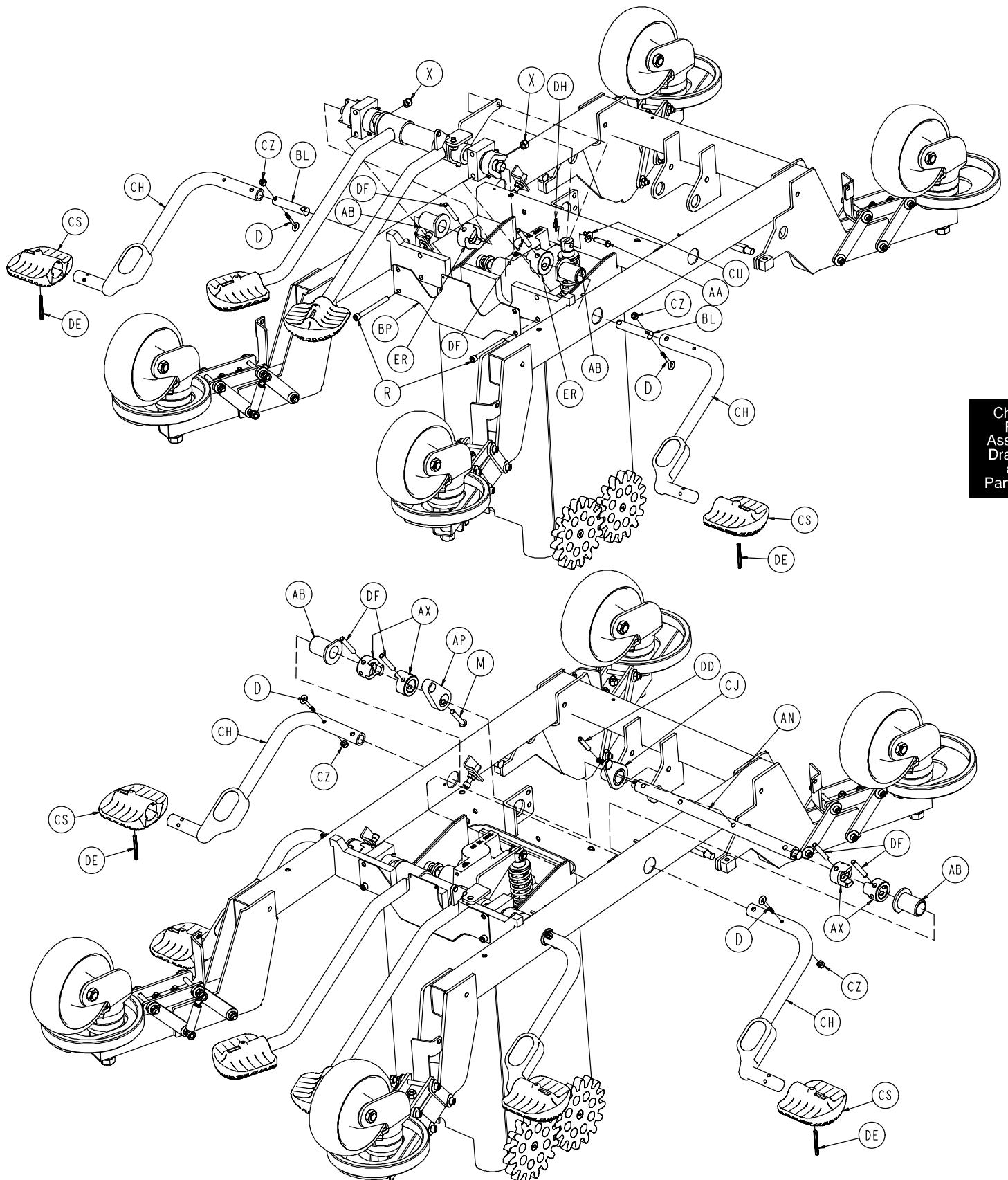
Base Assembly



Chapter Five Assembly Drawings and Parts Lists

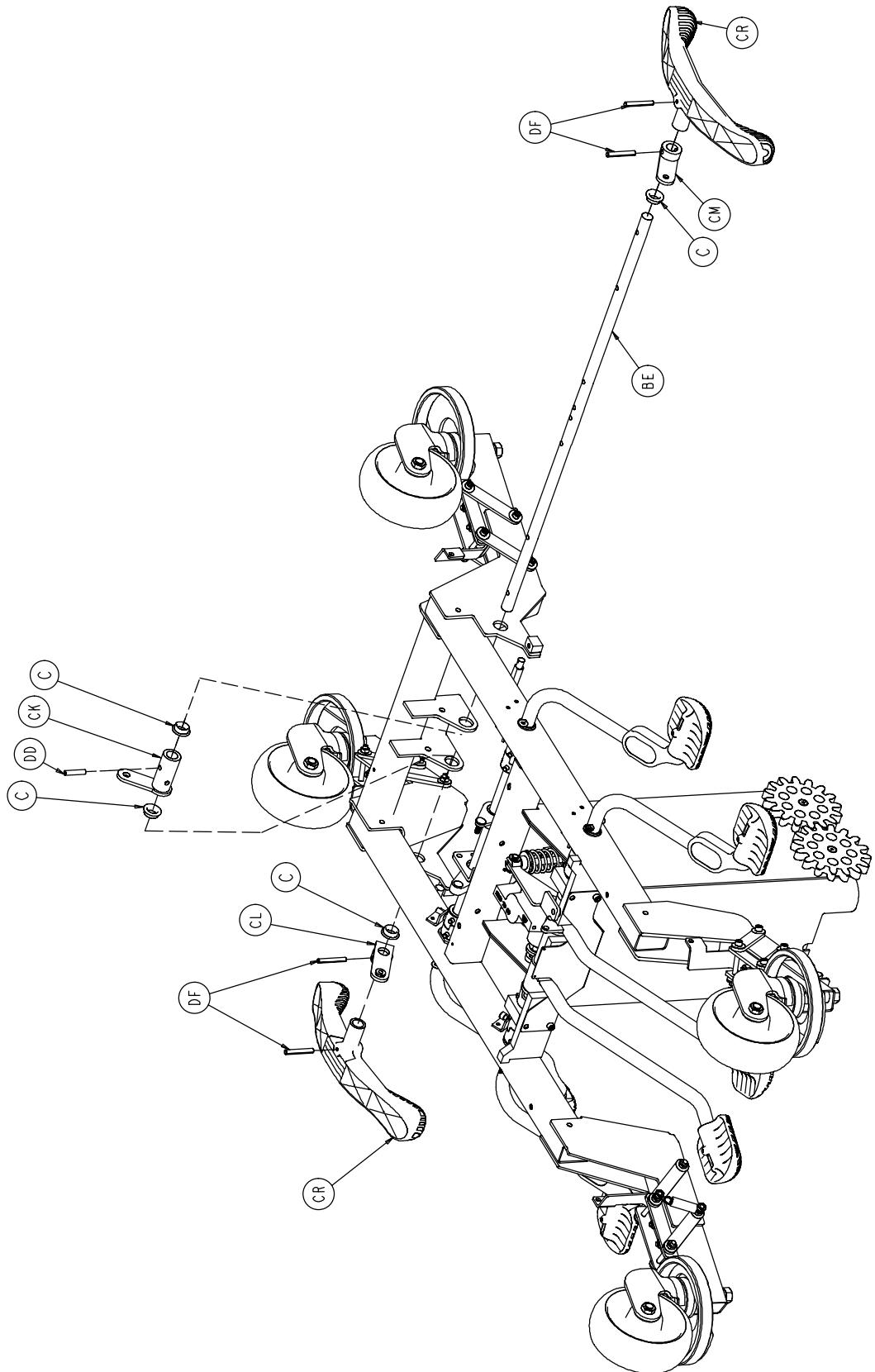
Base Assembly



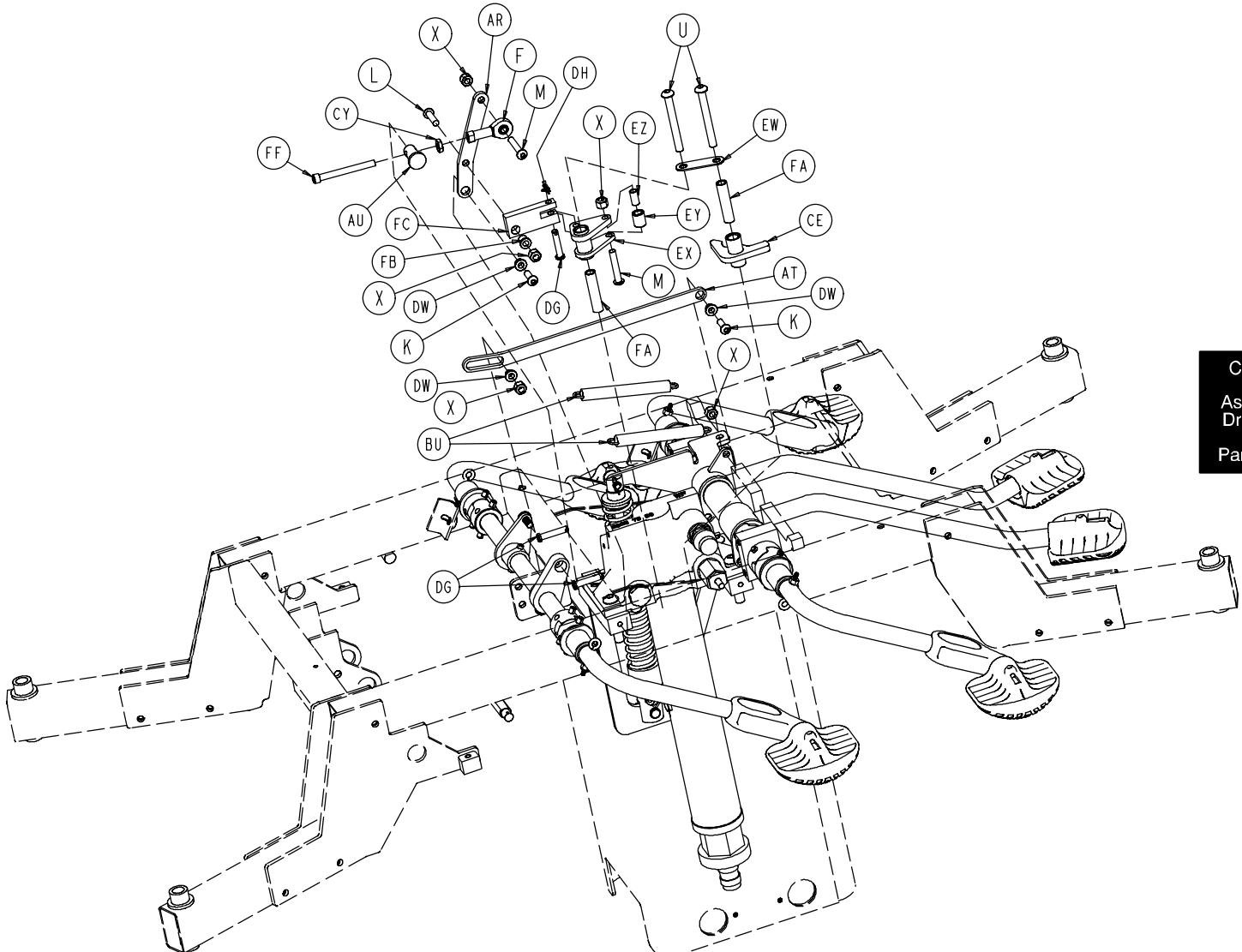
Base Assembly

Chapter
Five
Assembly
Drawings
and
Parts Lists

Base Assembly

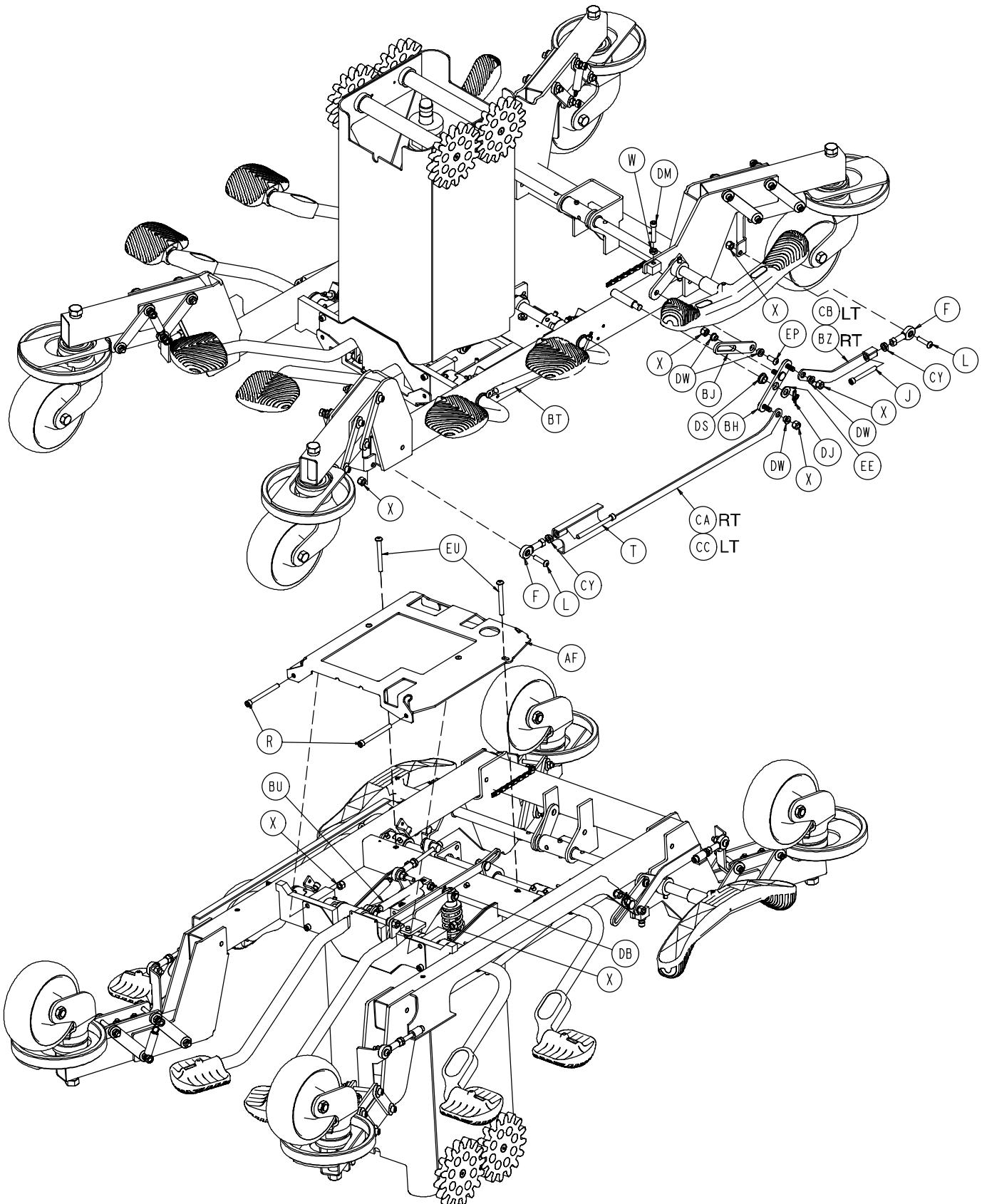


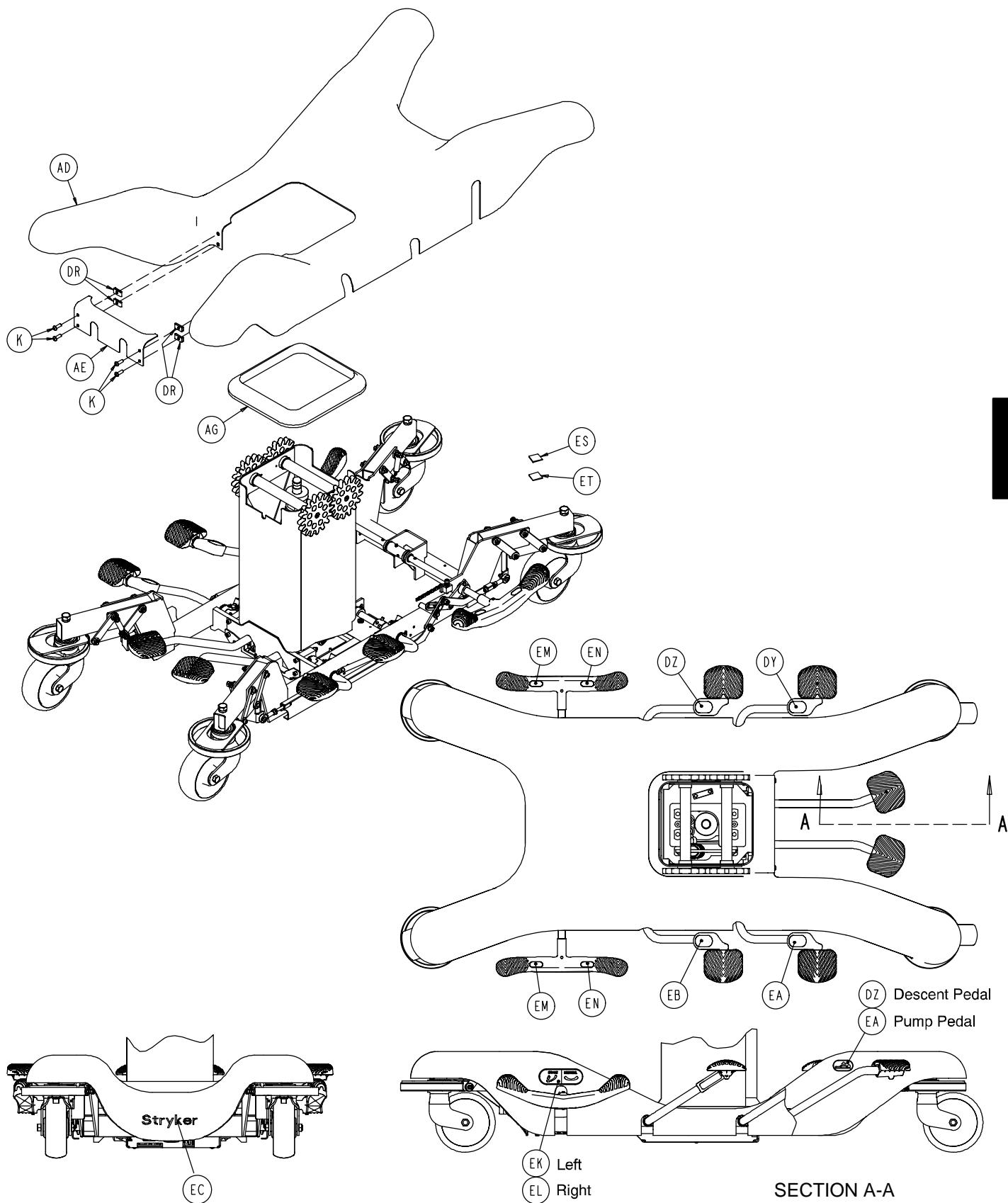
Base Assembly



Chapter Five Assembly Drawings and Parts Lists

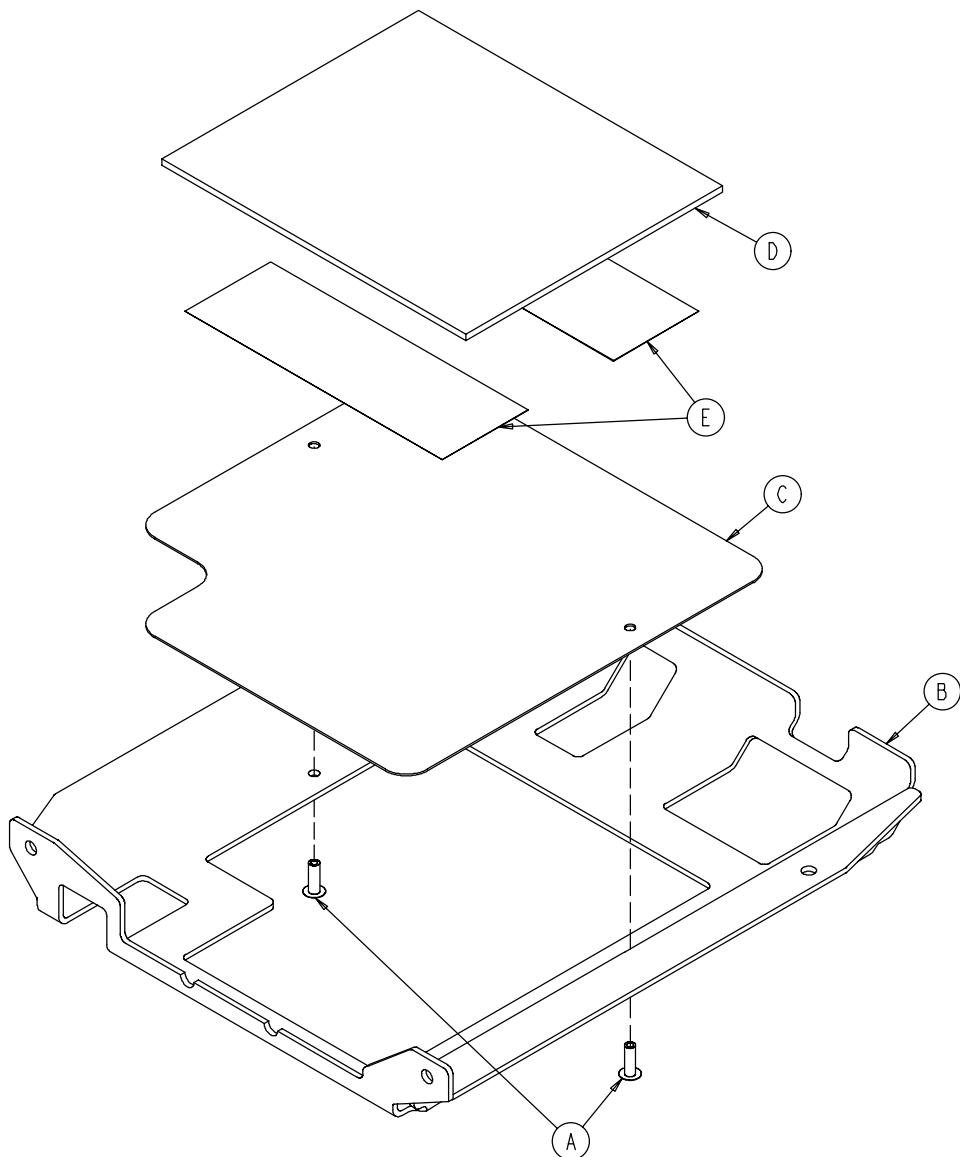
Base Assembly



Base Assembly

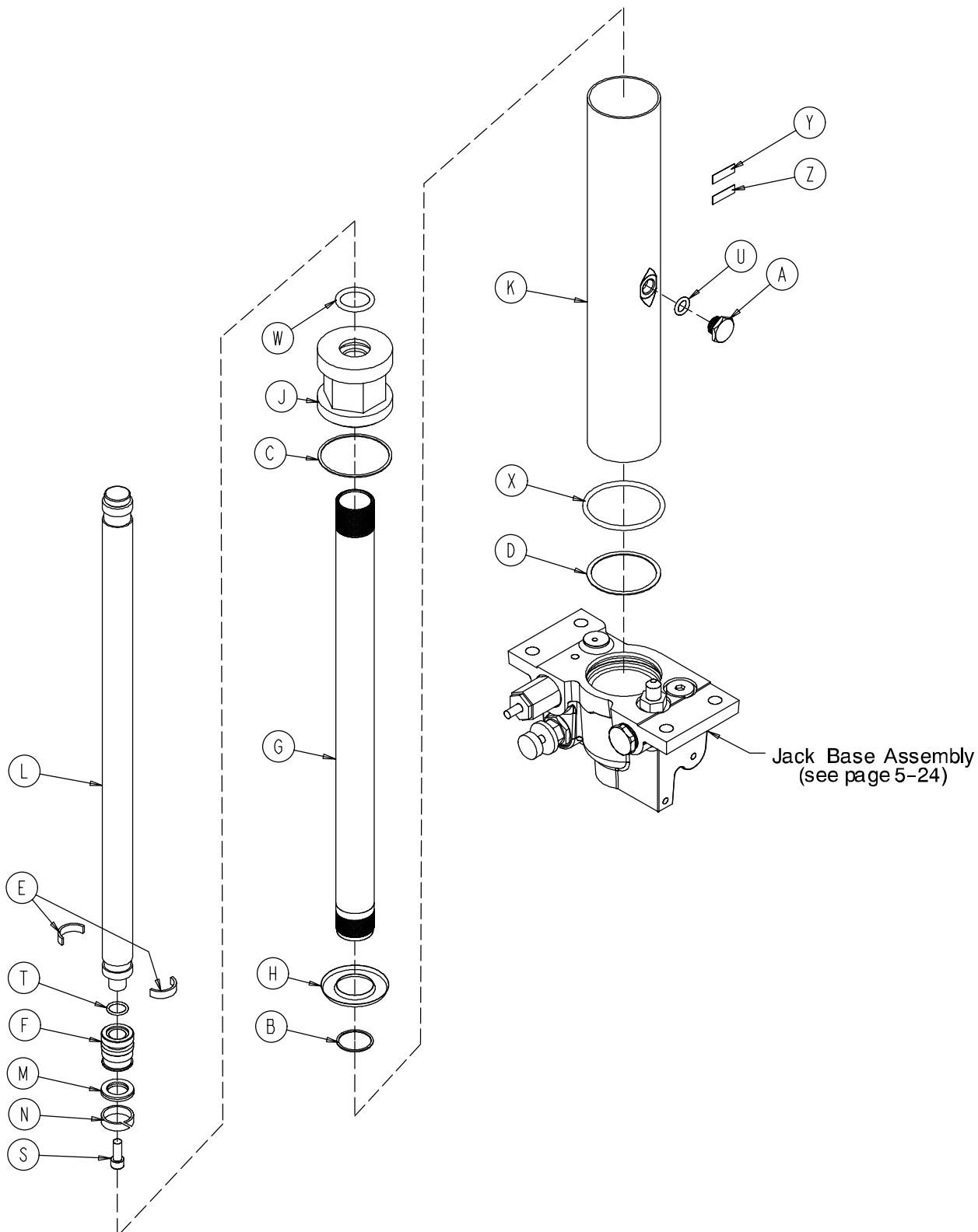
Base Assembly

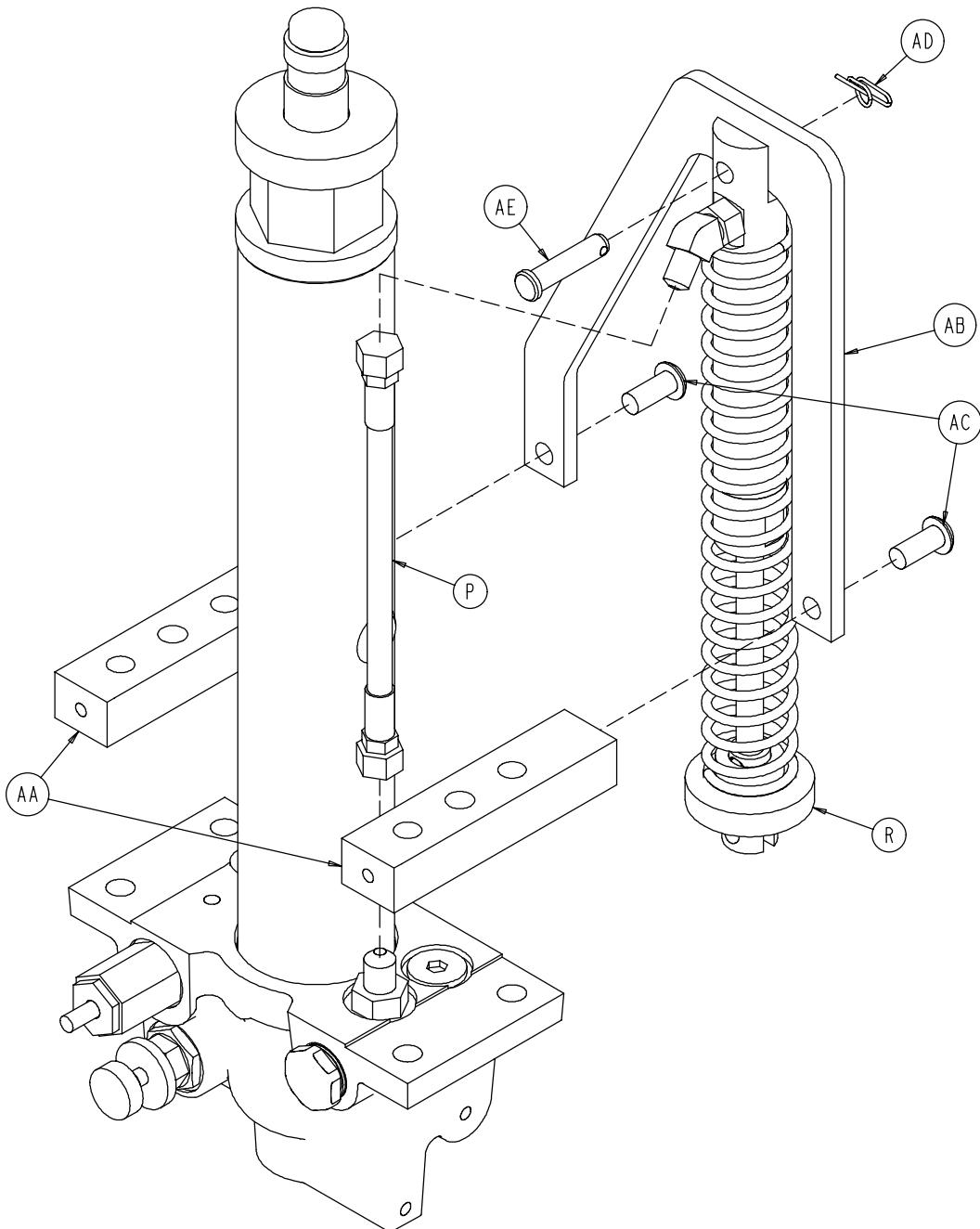
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	0715-001-333	Rel. Valve Stop Sleeve	1	CF	1033-001-270	Pump Pedal, Head End	1
C	1210-201-401	Bushing	4	CG	1033-001-175	Release Pedal, Head End	1
D	1033-001-251	Eyebolt	4	CH	1033-001-180	Side Pedal	4
E	2025-032-068	Flange Bearing	2	CJ	1033-001-490	Release Driver	1
F	5050-001-232	Rod End Bearing	5	CK	1033-001-200	Fifth Wheel Drive Arm	1
G	0001-001-000	Flat Hd. Soc. Screw	4	CL	1033-001-210	Brake Shaft Arm, Right	1
H	0003-362-000	Hex Hd. Cap Screw	4	CM	1033-001-215	Brake Shaft Arm, Left	1
J	0004-500-000	Soc. Hd. Cap Screw	2	CP	(page 5-26)	Wheel Assembly	4
K	0004-358-000	But. Hd. Cap Screw	6	CR	1033-001-233	Butterfly "V" Pedal	2
L	0004-359-000	But. Hd. Cap Screw	5	CS	1033-001-240	Plastic Pump Pedal	6
M	0004-361-000	But. Hd. Cap Screw	3	CU	0011-077-000	Washer	1
P	0004-145-000	But. Hd. Cap Screw	4	CW	0011-310-000	Flat Washer	4
R	0004-306-000	Soc. Hd. Cap Screw	12	CY	0015-037-000	Hex Jam Nut	5
T	0004-492-000	Soc. Hd. Cap Screw	2	CZ	0016-014-000	Dynalock Nut	4
U	0004-129-000	But. Hd. Cap Screw	2	DA	0016-060-000	Torque Lock Nut	4
W	0015-066-000	Hex Jam Nut	6	DB	0016-078-000	Center Lock Nut	25
X	0016-122-000	Nylock Nut	24	DD	0026-014-000	Roll Pin	2
Z	0016-125-000	Nylock Nut	4	DE	0026-143-000	Groove Pin	6
AA	0026-316-000	Clevis Pin	1	DF	0026-239-000	Groove Pin	14
AB	1033-001-31 1	Flange Bearing Bushing	4	DG	0026-251-000	Clevis Pin	3
AC	1033-001-322	Flange Bearing	4	DH	0027-020-000	Rue Ring Cotter	2
AD	1033-001-001	Base Hood	1	DJ	0027-022-000	Rue Ring Cotter	2
AE	1033-001-002	Hood Cover Plate	1	DK	0003-342-000	Hex Hd. Cap Screw	4
AF	(page 5-21)	Base Pan	1	DM	0004-028-000	Soc. Hd. Cap Screw	2
AG	1033-001-006	Hood Grommet	1	DN	0004-102-000	Soc. Hd. Cap Screw	8
AJ	1033-001-012	Lift Gear	4	DR	0052-702-000	U-Nut	4
AK	1033-001-013	Gear Shaft	2	DS	0081-240-000	Flange Bushing	2
AL	1033-001-414	Jack Nut Plate	1	DT	0081-268-000	Flange Bushing	32
AM	1033-001-017	Pillow Block	2	DW	0081-293-000	Flange Bearing	11
AN	1033-001-418	Release Cross Shaft	1	DY	1033-090-027	Pump Pedal Label, Rt.	1
AP	1033-001-019	Main Release Drive Arm	1	DZ	1033-090-028	Descent Pedal Label, Rt.	2
AR	1033-001-320	Short Release Link	1	EA	1033-090-029	Pump Pedal Label, Lt.	2
AT	1033-001-323	Long Release Link	1	EB	1033-090-030	Descent Pedal Label, Lt.	1
AU	1033-001-024	Release Drive Pivot Pin	1	EC	0946-201-060	Stryker Logo Label	1
AW	1033-001-025	Pump Cross Shaft	1	ED	0004-142-000	Hex Soc. Hd. Screw	6
AX	1033-001-026	Jack Pump Coupler	4	EE	0014-021-000	Washer	2
AY	1033-001-028	Brake Ring Link	16	EG	0023-025-000	Hex Washer Hd. Screw	1
AZ	1033-001-029	Brake Spring, Right	2	EH	1033-001-256	Ground Chain	1
BA	1033-001-030	Brake Spring, Left	2	EK	1034-090-025	Brake Label, Left	1
BE	1033-001-035	Brake/Steer Shaft	1	EL	1034-090-026	Brake Label, Right	1
BH	1033-001-038	Bell Crank Link	2	EM	1210-201-335	Red Brake Label	2
BJ	1033-001-039	Slide Link	2	EN	1210-201-336	Green Steer Label	2
BK	1033-001-040	Pump Cross Shaft Spacer	1	EP	0004-156-000	But. Hd. Cap Screw	2
BL	1033-001-041	Pump Pedal Plug	2	ER	1033-001-126	Jack Pump Coupler	5
BM	1033-001-043	Brake Ring Stabilizer Bshg.	4	ES	0029-010-000	Dual Lock	4
BP	1033-001-147	Hd. End Pedal Stop Plate	1	ET	0029-008-000	Dual Lock	4
BR	(page 5-22)	Pedestal Lift Jack Ass'y	1	EU	0004-163-000	But. Hd. Cap Screw	2
BS	1033-001-081	Brake Wldmt. Ret. Spring	4	EW	1033-001-478	Pivot Link	1
BT	1033-001-082	Side Lower Ped. Ret. Spr.	2	EX	1033-001-470	Roller Pivot Weldment	1
BU	1033-001-083	Front Pedal Return Spring	3	EY	1033-001-475	Jack Release Roller	1
BW	1033-001-400	Base Weldment	1	EZ	0081-328-000	Plane Bearing	1
BX	1033-001-129	Caster Horn w/Bearing	4	FA	1033-001-477	Plane Bearing	2
BY	1033-001-130	Brake Ring Weldment	4	FB	0081-327-000	Flange Bearing	1
BZ	1033-001-140	Short Brake Link, Right	1	FC	1033-001-480	Jack Release Link	1
CA	1033-001-145	Long Brake Link, Right	1	FD	1033-001-321	Aligner Bearing	2
CB	1033-001-150	Short Brake Link, Left	1	FE	0025-099-000	Blind Rivet	4
CC	1033-001-155	Long Brake Link, Left	1	FF	0004-491-000	Soc. Hd. Cap Screw	1
CD	1033-001-260	Pump Link Weldment	1	FG	0003-041-000	Hex Hd. Cap Screw	1
CE	1033-001-465	Release Arm Weldment	1				

1033-001-065 Base Pan Assembly

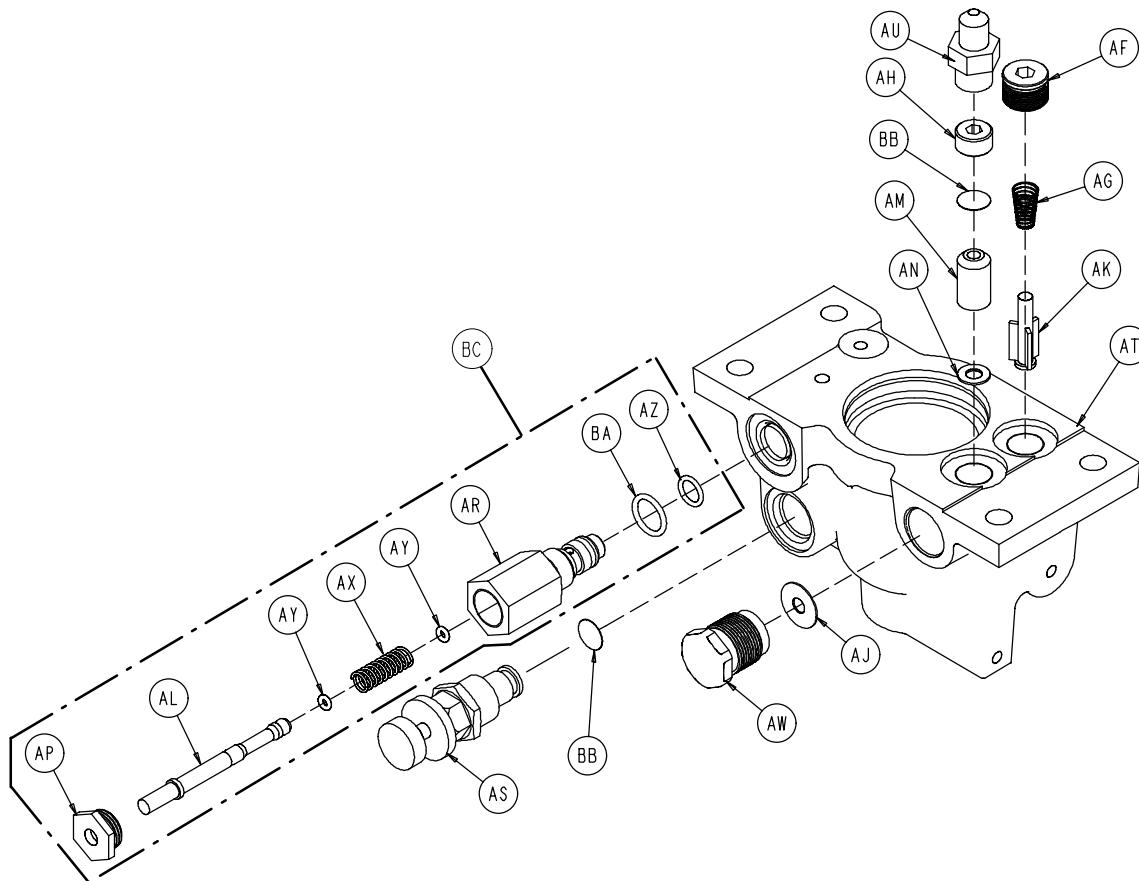
Chapter
Five
Assembly
Drawings
and
Parts Lists

Item	Part No.	Part Name	Qty.
A	0025-133-000	Blind Rivet	2
B	1033-001-066	Base Pan	1
C	1033-001-067	Base Pan Filler Plate	1
D	1033-001-068	Base Pan Felt Pad	1
E	0044-039-000	2" x 6" Acrylic Tape	2

1033-001-050 Pedestal Lift Jack Assembly

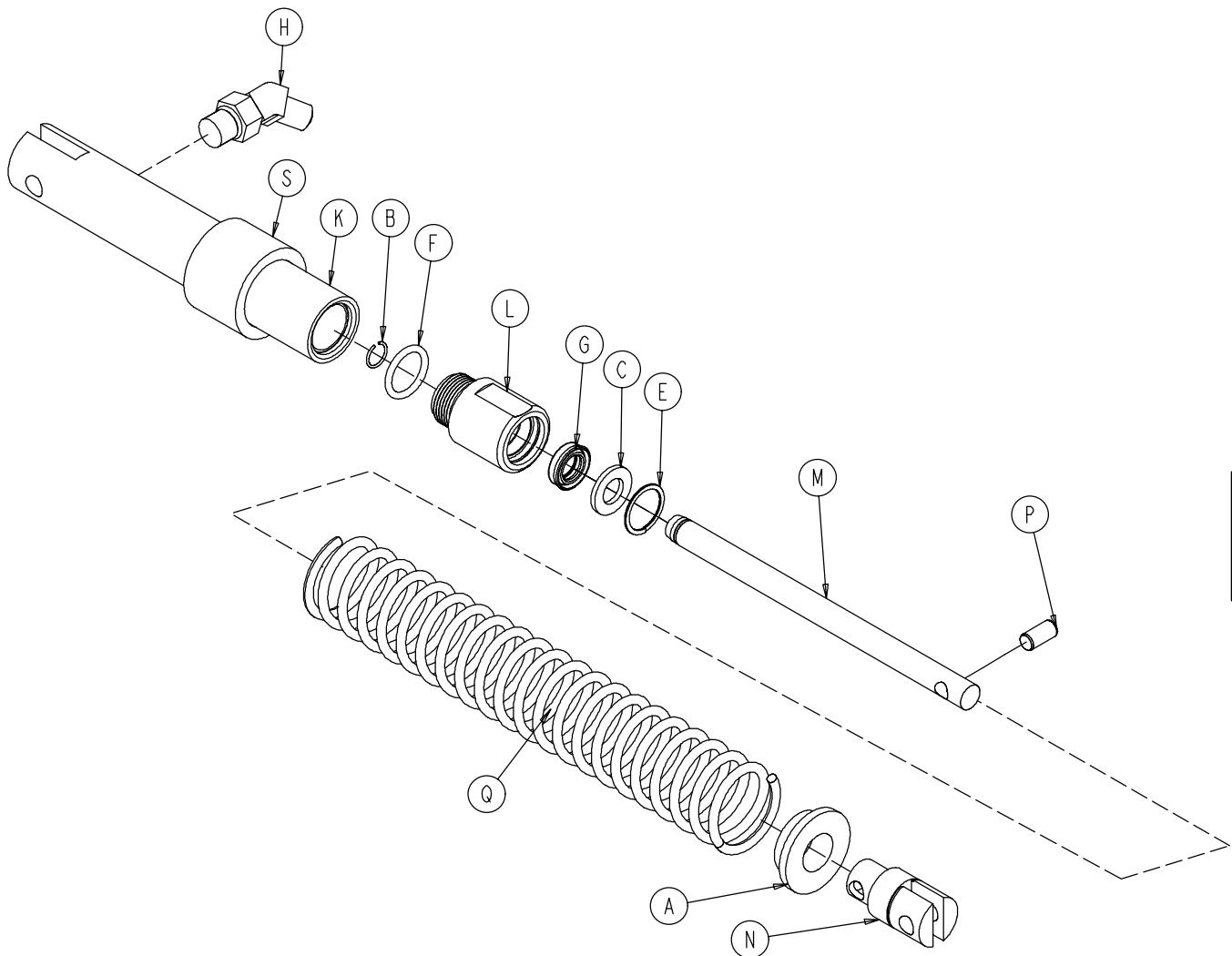
1033-001-050 Pedestal Lift Jack Assembly

Chapter
Five
Assembly
Drawings
and
Parts Lists

1033-001-050 Pedestal Lift Jack Assembly

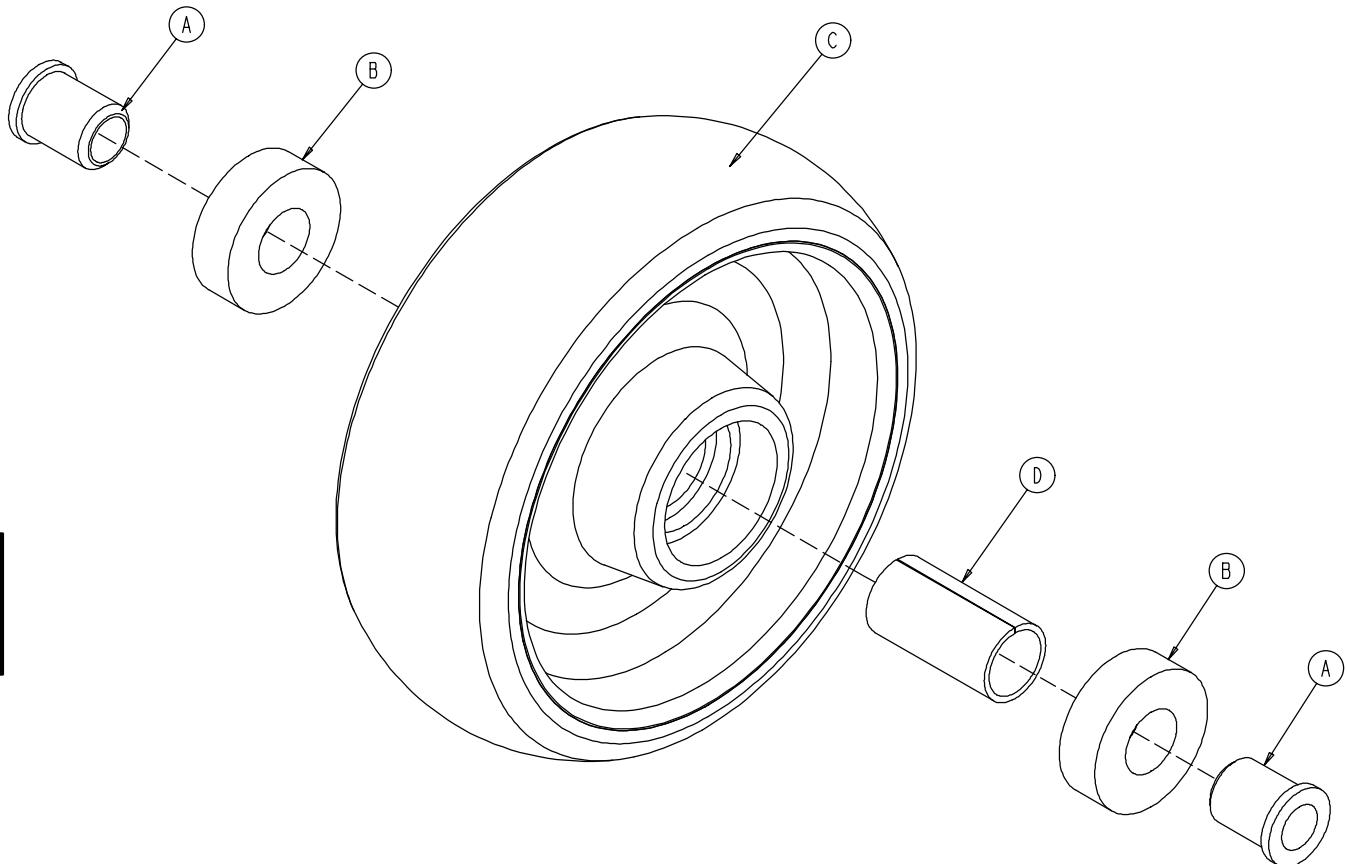
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	0388-100-038	Plug	1	AC	0004-469-000	Soc. Hd. Cap Screw	2
B	0390-001-238	Actuator Gasket	1	AD	0027-025-000	Rue Ring Cotter	1
C	0390-001-243	Gasket	1	AE	0026-270-000	Clevis Pin	1
D	0390-001-244	Base Gasket	1	AF	0048-147-000	Hex Hd. O-Ring Plug	1
E	0390-002-139	Retaining Ring	2	AG	0390-002-134	Conical Comp. Spring	1
F	0660-001-031	Piston	1	AH	0715-001-309	Valve Plug	1
G	1033-001-052	Actuator Cylinder	1	AJ	0715-001-329	Pump Seal	1
H	0715-001-320	Jack Screen	1	AK	0715-001-341	Poppet	1
J	0715-001-340	Jack Cap	1	AL	0715-270-001	Pin	1
K	0715-001-422	Reservoir	1	AM	0926-020-153	Check Valve	1
L	0715-101-325	Parker Packing	1	AN	0926-020-154	Seal	1
M	0926-020-161	Parker Packing	1	AP	1210-170-013	Base Plug	1
N	0926-020-162	Wear Ring	1	AR	2025-075-087	Pin Housing	1
P	0048-174-000	Pump Hose	1	AS	5050-070-050	Adj. P.C. Valve Cartridge	1
R	(page 5-25)	Jack Pump Assembly	1	AT	1033-001-055	Machined Jack Base	1
S	0004-014-000	Soc. Hd. Cap Screw	1	AU	0048-173-000	Jack Base Fitting	1
T	0045-014-000	O-Ring	1	AW	1033-001-061	Jack Base Plug	1
U	0045-110-000	O-Ring	1	AX	0038-311-000	Compression Spring	1
W	0045-904-000	O-Ring	1	AY	0045-006-000	O-Ring	2
X	0045-978-000	O-Ring	1	AZ	0045-966-000	O-Ring	1
Y	0921-001-252	Serial Number Label	1	BA	0045-967-000	O-Ring	1
Z	1033-001-051	Jack Assembly Label	1	BB	0715-001-321	Check Valve Screen	2
AA	1033-001-015	Jack Spacer Block	2	BC	2025-700-026	Relief Valve Assembly	1
AB	1033-001-027	Jack Pump Supt Arm.	1				

1033-001-070 Pedestal Lift Jack Pump Assembly



Chapter
Five
Assembly
Drawings
and
Parts Lists

Item	Part No.	Part Name	Qty.
A	715-001-133	Collar	1
B	0052-704-000	External Retaining Ring	1
C	1033-001-063	Washer	1
E	0028-188-000	Spiral Retaining Ring	1
F	0045-242-000	O-Ring	1
G	0047-021-000	Seal	1
H	0048-175-000	45° Straight Thread Elbow	1
K	1033-001-071	Pump Body	1
L	1033-001-072	Pump Brass End Cap	1
M	1033-001-073	Pump Shaft	1
N	1033-001-074	Pump Shaft Clevis	1
P	0026-318-000	Dowel Pin	1
Q	1033-001-080	Pump Cylinder Spring	1
S	1033-001-090	Spring Seat	1

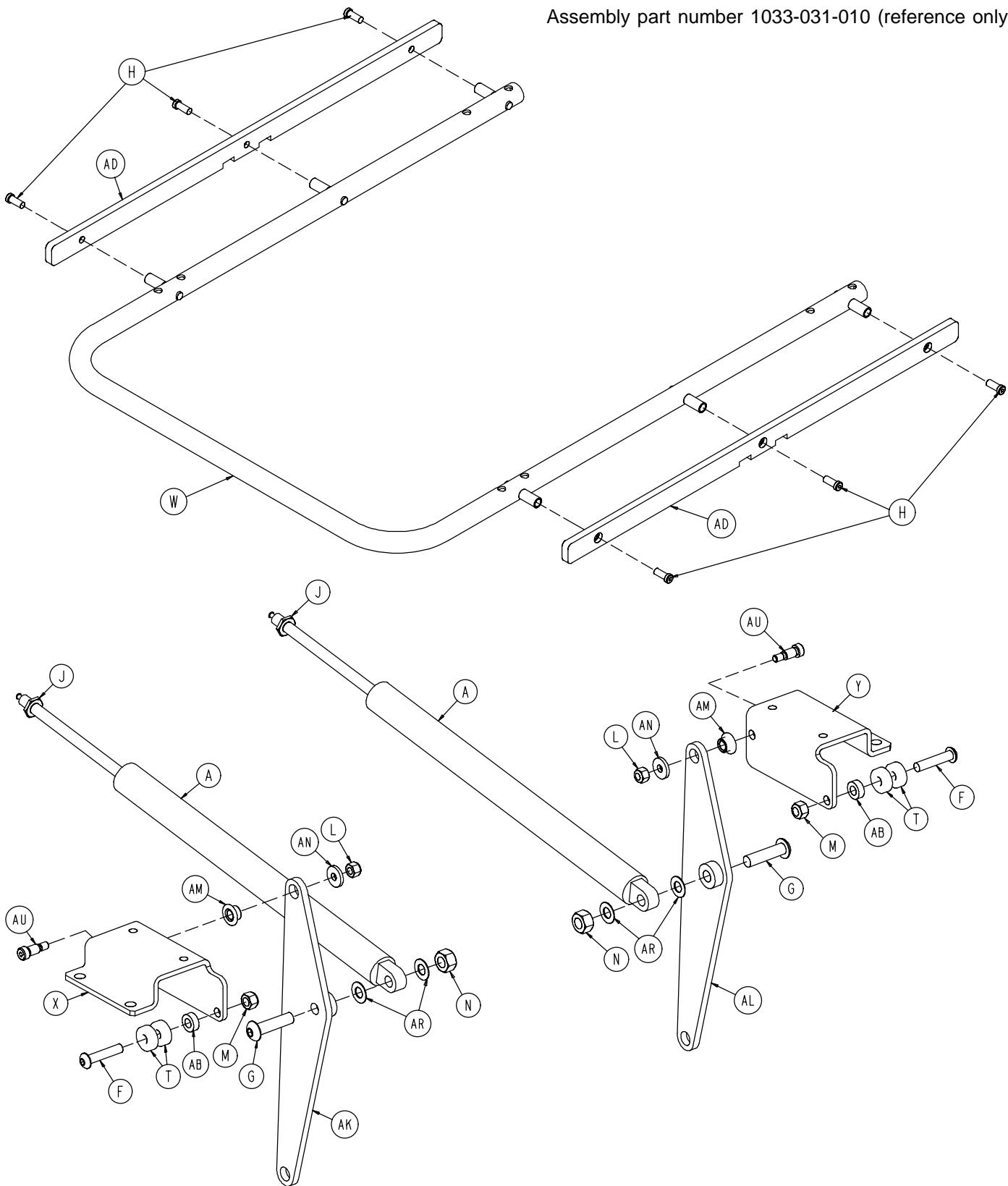
1033-001-225 Wheel Assembly

Chapter
Five
Assembly
Drawings
and
Parts Lists

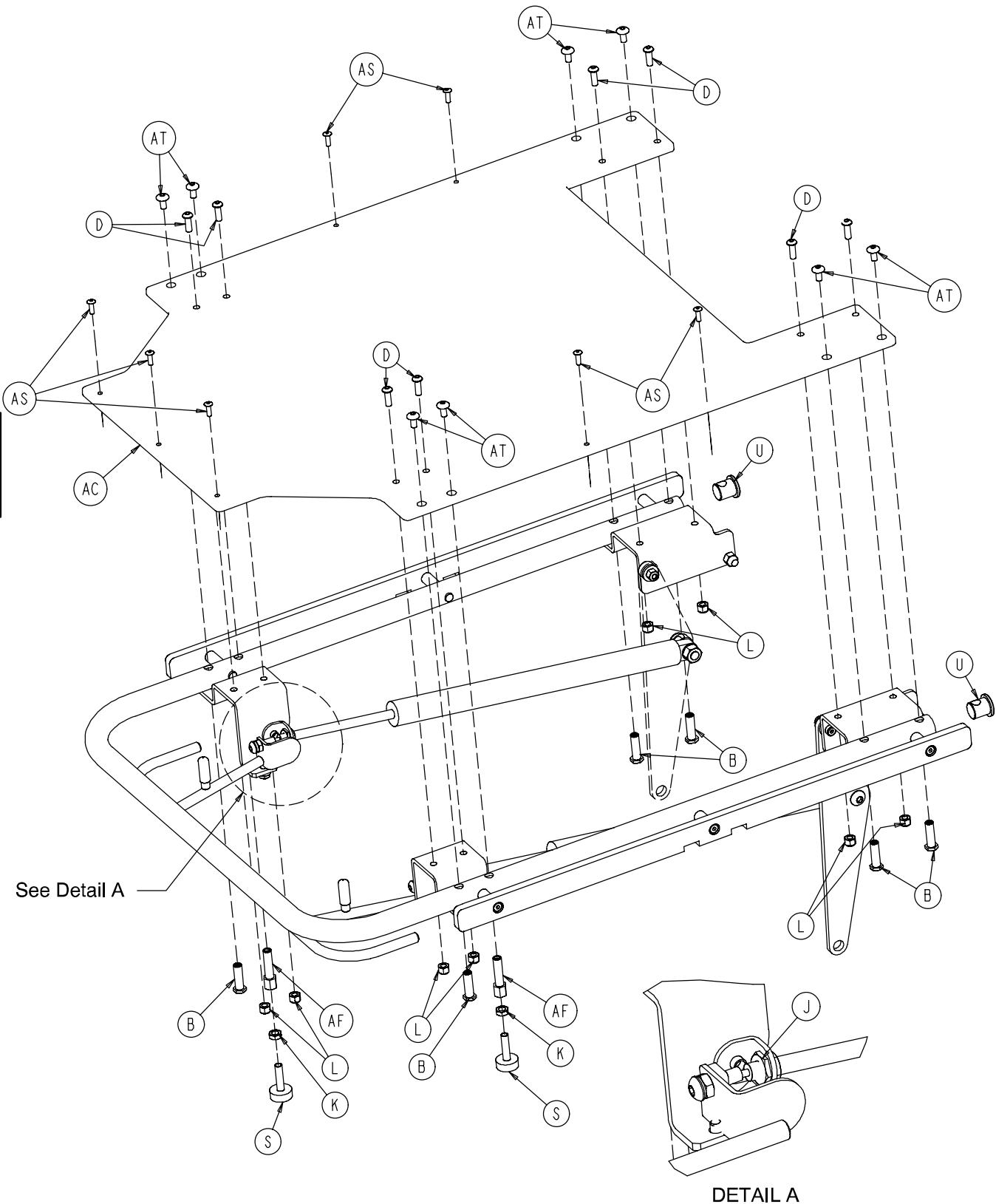
Item	Part No.	Part Name	Qty.
A	0715-001-255	Wheel Bushing	2
B	6060-002-046	Bearing Spacer	1
C	1033-001-231	Molded Wheel	1
D	0081-226-000	Bearing	2

Fowler Assembly

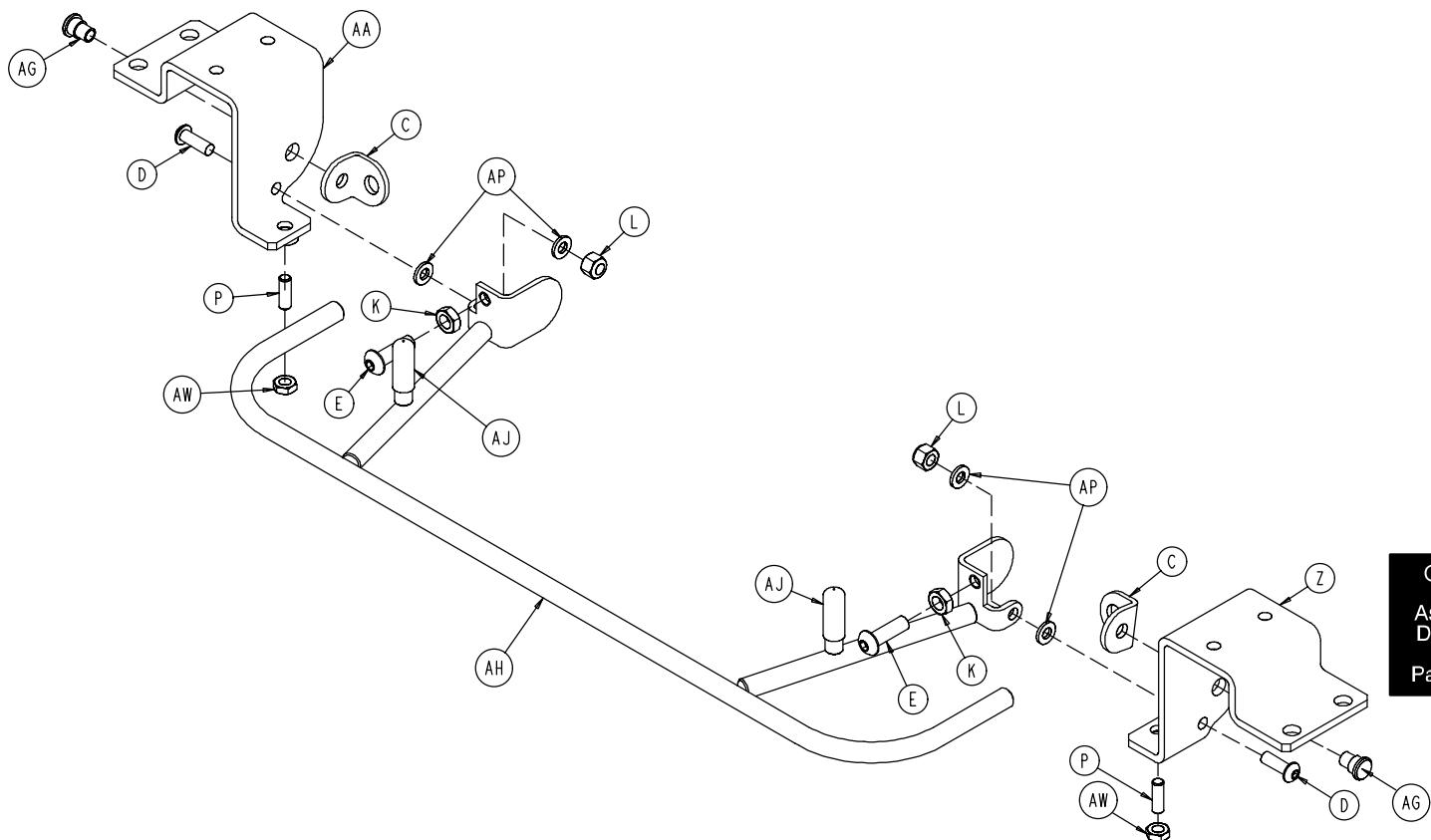
Assembly part number 1033-031-010 (reference only)



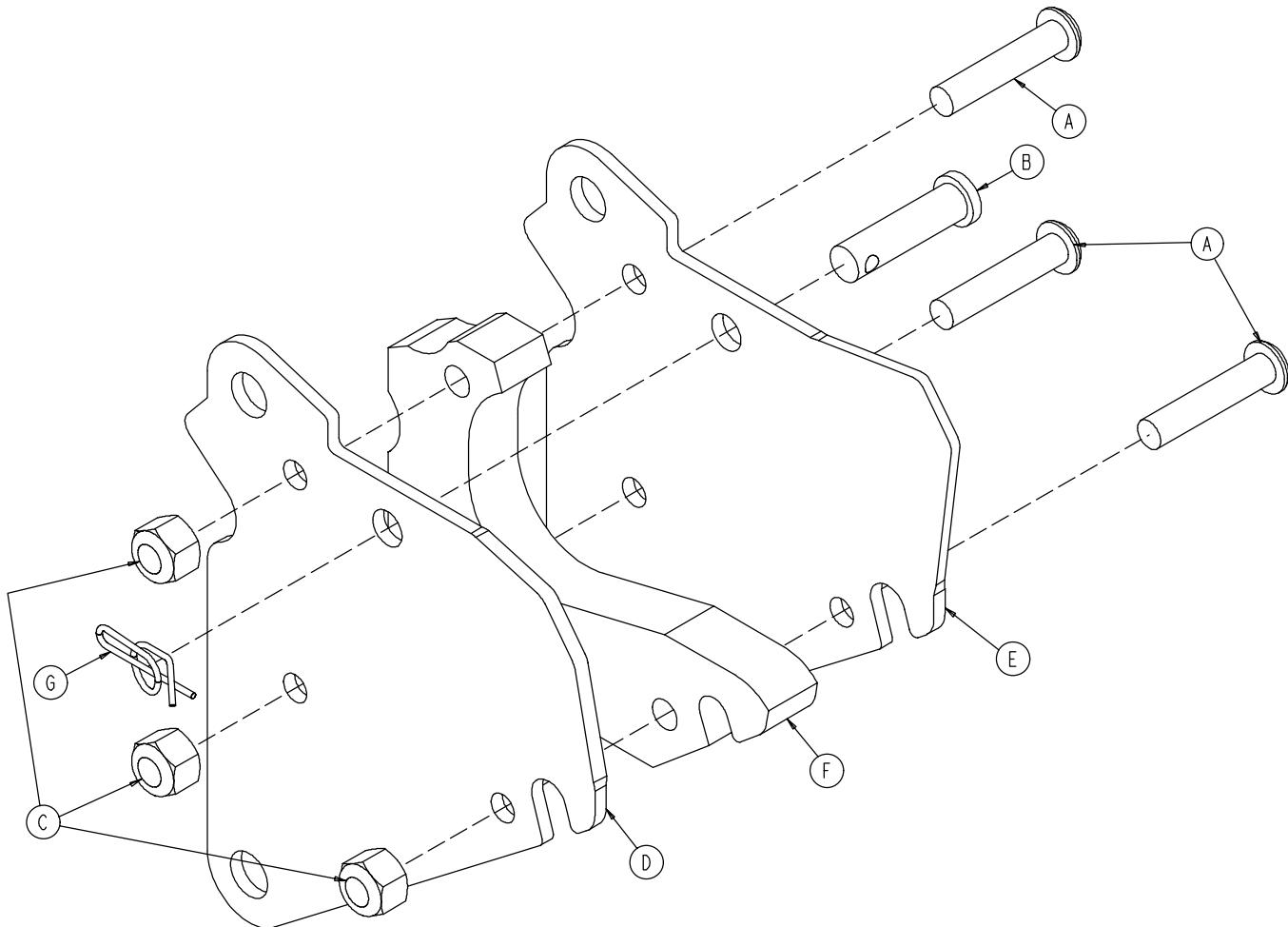
Fowler Assembly



Fowler Assembly

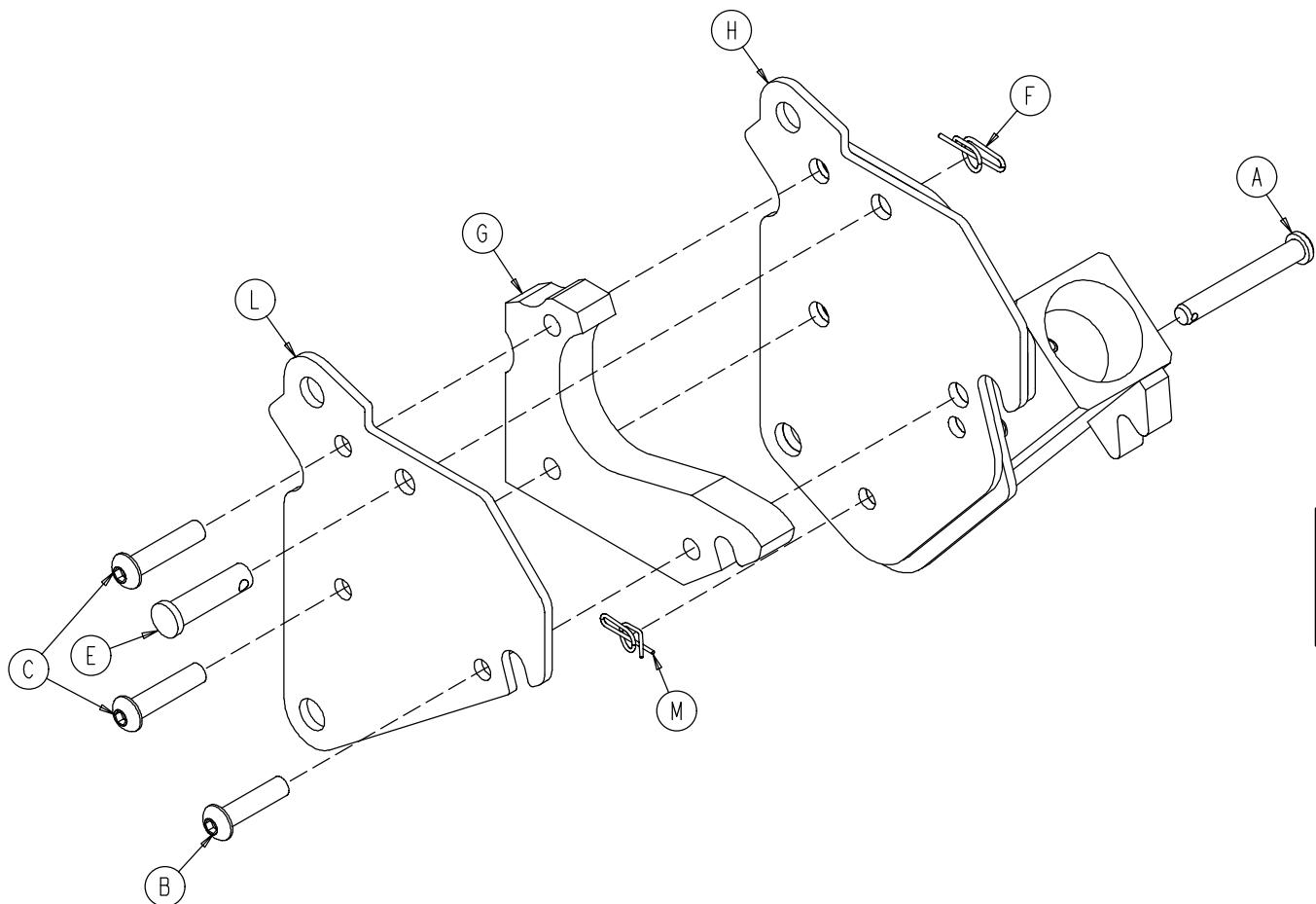


Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	0360-031-077	Gas Cylinder	2	Z	1033-031-014	Fowler Handle Brkt, Right	1
B	1069-031-012	Barrel Nut	6	AA	1033-031-015	Fowler Handle Brkt, Left	1
C	1210-31-103	Pivot Tab	2	AB	1033-031-016	Fowler Roller Spacer	2
D	0004-358-000	Button Hd. Cap Screw	10	AC	1033-031-017	Fowler Skin	1
E	0004-363-000	Button Hd. Cap Screw	2	AD	1033-031-018	Fowler Acc. Rail, Domestic	2
F	0004-364-000	Button Hd. Cap Screw	2		1033-631-018	Fowler Acc. Rail, Int.	2
G	0004-370-000	Button Hd. Cap Screw	2	AF	1033-031-020	Fowler Bumper Barrel Nut	2
H	0004-558-000	Socket Hd. Cap Screw	6	AG	1033-031-021	Cylinder Shoulder Rivet	2
J	0015-060-000	Metric Hex Nut	4	AH	1033-031-035	Fowler Trip Bar Weldment	1
K	0015-067-000	Hex Jam Nut	4	AJ	1033-031-041	Fowler Trip Bar Stop Cover	2
L	0016-122-000	Nylock Nut	12	AK	1033-031-050	Fowler Link Wldmt, Right	1
M	0016-123-000	Nylock Nut	2	AL	1033-031-055	Fowler Link Wldmt, Left	1
N	0016-126-000	Nylock Hex Nut	2	AM	1033-031-071	Fowler Link Bushing	2
P	0021-078-000	Set Screw	2	AN	0011-159-000	Washer	2
S	3000-300-003	Adjustable Bumper	2	AP	0014-002-000	Washer	4
T	0081-307-000	Ball Bearing	4	AR	0014-020-000	Washer	4
U	1033-031-008	Fowler Tube Plug	2	AS	0025-133-000	Blind Rivet	7
W	1033-031-1 11	Fowler Tube	1	AT	0007-058-000	Truss Hd. Machine Screw	8
X	1033-031-012	Fowler Roller Brkt, Right	1	AU	0008-056-000	Soc. Hd. Shoulder Screw	2
Y	1033-031-013	Fowler Roller Brkt, Left	1	AW	0015-066-000	Hex Jam Nut	2

1033-031-1 10/115 Foot Section Receptacle Ass'y, Right & LeftChapter
Five
Assembly
Drawings
and
Parts Lists

Item	Part No.	Part Name	Qty.
A	0004-360-000	Button Hd. Cap Screw	3
B	0026-299-000	Clevis Pin	1
C	0016-122-000	Nylock Nut	3
D	1033-032-088	Foot Receptacle Plate, Left	1
E	1033-032-089	Foot Receptacle Plate, Right	1
F	1033-032-090	Foot Section Insert Guide	1
G	0027-025-000	Rue Ring Cotter	1

Foot/Fowler Receptacle Assembly, Right and Left



Chapter
Five
Assembly
Drawings
and
Parts Lists

1033-032-590 Foot/Fowler Receptacle, Right

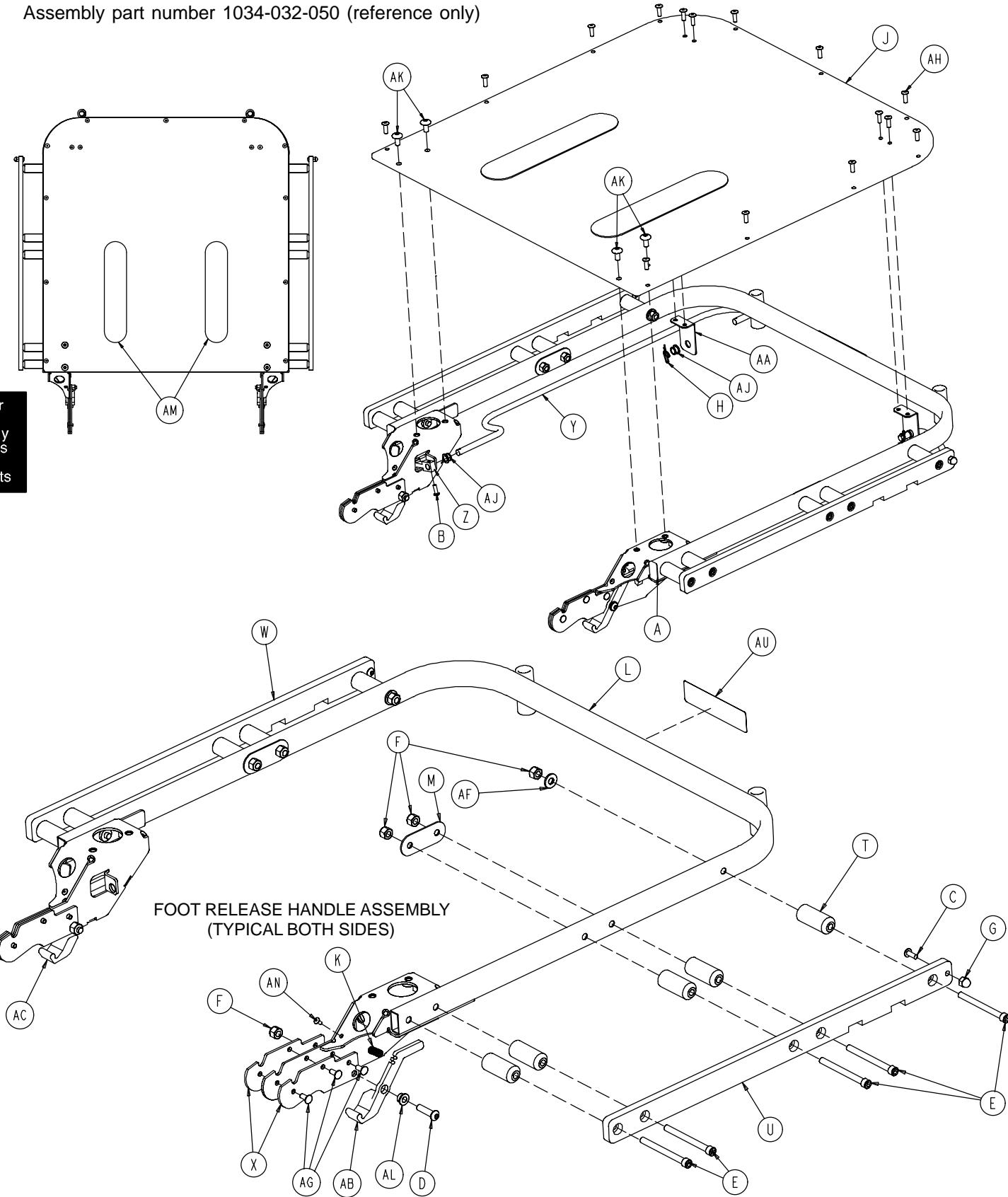
Item	Part No.	Part Name	Qty.
A	0026-330-000	Clevis Pin	1
B	0004-359-000	But. Hd. Cap Screw	1
C	0004-176-000	But. Hd. Cap Screw	2
E	0026-299-000	Clevis Pin	1
F	0027-025-000	Rue Ring Cotter	1
G	1033-032-090	Guide Insert	1
H	1033-032-480	Receptacle, Right	1
L	1033-032-489	Outside Plate	1
M	0027-020-000	Rue Ring Cotter	1

1033-032-595 Foot/Fowler Receptacle, Left

Item	Part No.	Part Name	Qty.
A	0026-330-000	Clevis Pin	1
B	0004-359-000	But. Hd. Cap Screw	1
C	0004-176-000	But. Hd. Cap Screw	2
E	0026-299-000	Clevis Pin	1
F	0027-025-000	Rue Ring Cotter	1
G	1033-032-090	Guide Insert	1
H	1033-032-485	Receptacle, Left	1
L	1033-032-489	Outside Plate	1
M	0027-020-000	Rue Ring Cotter	1

Foot Assembly

Assembly part number 1034-032-050 (reference only)

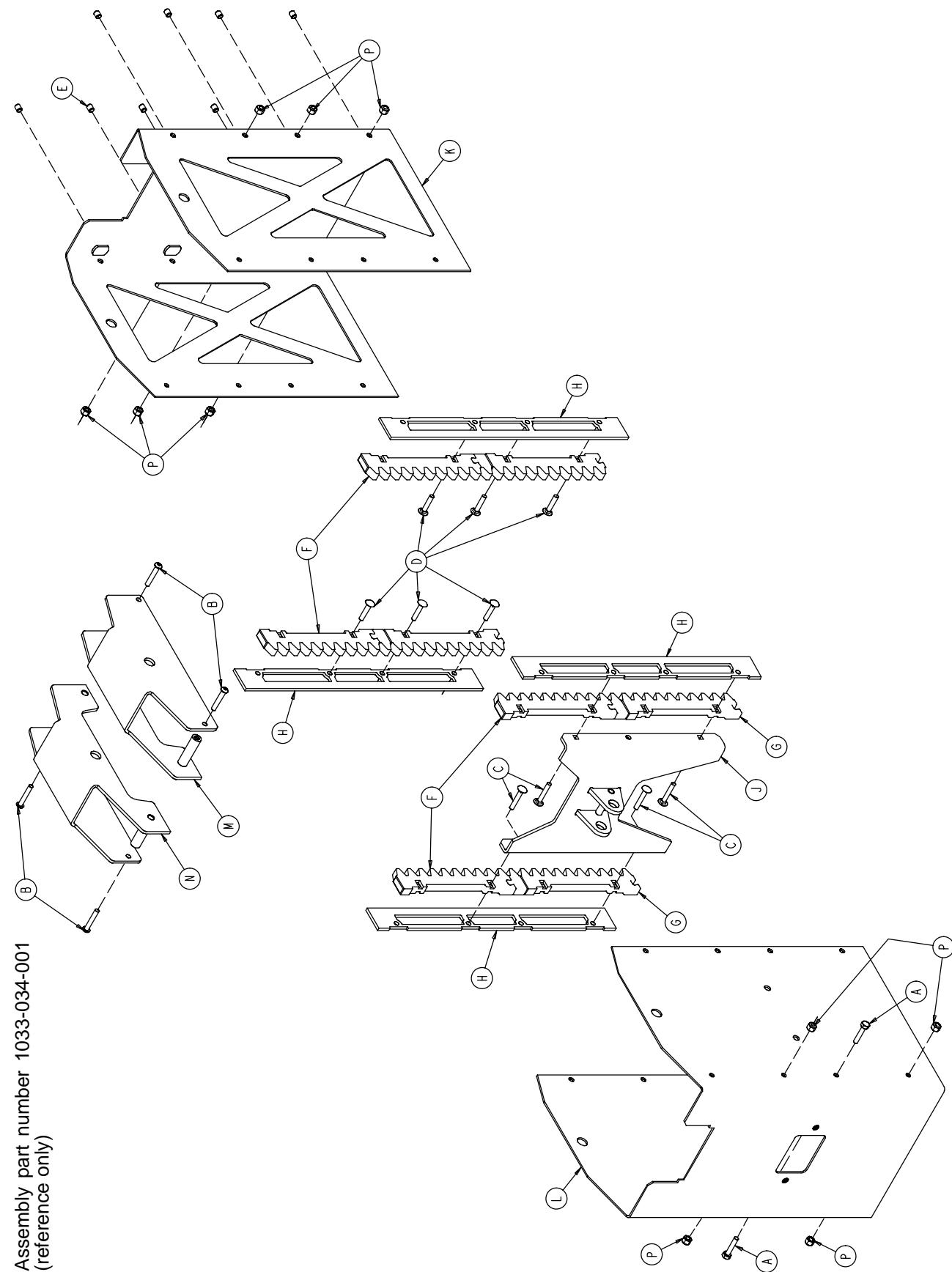


Foot Assembly

Item	Part No.	Part Name	Qty.
A	1010-032-066	Hole Plug	2
B	0004-355-000	But. Hd. Cap Screw	2
C	0004-356-000	But. Hd. Cap Screw	2
D	0004-359-000	But. Hd. Cap Screw	2
E	0004-306-000	Soc. Hd. Cap Screw	10
F	0016-122-000	Nylock Nut	8
G	0017-023-000	Acorn Nut	2
H	0027-025-000	Rue Ring Cotter	2
J	1033-032-052	Foot Section Skin	1
K	1033-032-059	Foot Latch Spring	2
L	1033-032-060	Outer Frame Weldment	1
M	1033-032-068	Foot Section Backer Plate	2
R	1033-032-080	Siderail Latch Spacer	2
T	1033-032-082	Ft. Sect. Opt. Rail Standoff	4
U	1033-032-084	Foot Acc. Rail, Rt., Domestic	1
	1033-632-084	Foot Acc. Rail, Rt., International	1
W	1033-032-085	Foot Acc. Rail, Lt., Domestic	1
	1033-632-85	Foot Acc. Rail, Lt., International	1
X	1033-032-086	Ft. Sect. Insert Cover	4
Y	1033-032-092	Ft. Sect. Release Handle	2
Z	1033-032-193	Ft. Sect. Release End Pivot	2
AA	1033-032-095	Ft. Sect. Handle Support	2
AB	1033-032-096	Foot Section Latch, Left	1
AC	1033-032-097	Foot Section Latch, Right	1
AF	0011-077-000	Washer	2
AG	0025-126-000	Semi-Tubular Rivet	6
AH	0025-133-000	Rivet	15
AJ	0052-245-000	Nyliner Bearing	4
AK	0007-058-000	Phillips Truss Hd. Screw	4
AL	0081-293-000	Flange Bearing	2
AM	7900-001-102	Velcro Adhesive Pile	2
AN	0025-038-000	Blind Rivet	2
AU	1033-090-034	Label, "Do Not Sit", Domestic	1
	1061-600-040	Label, "Do Not Sit", International	1

Chapter
Five
Assembly
Drawings
and
Parts Lists

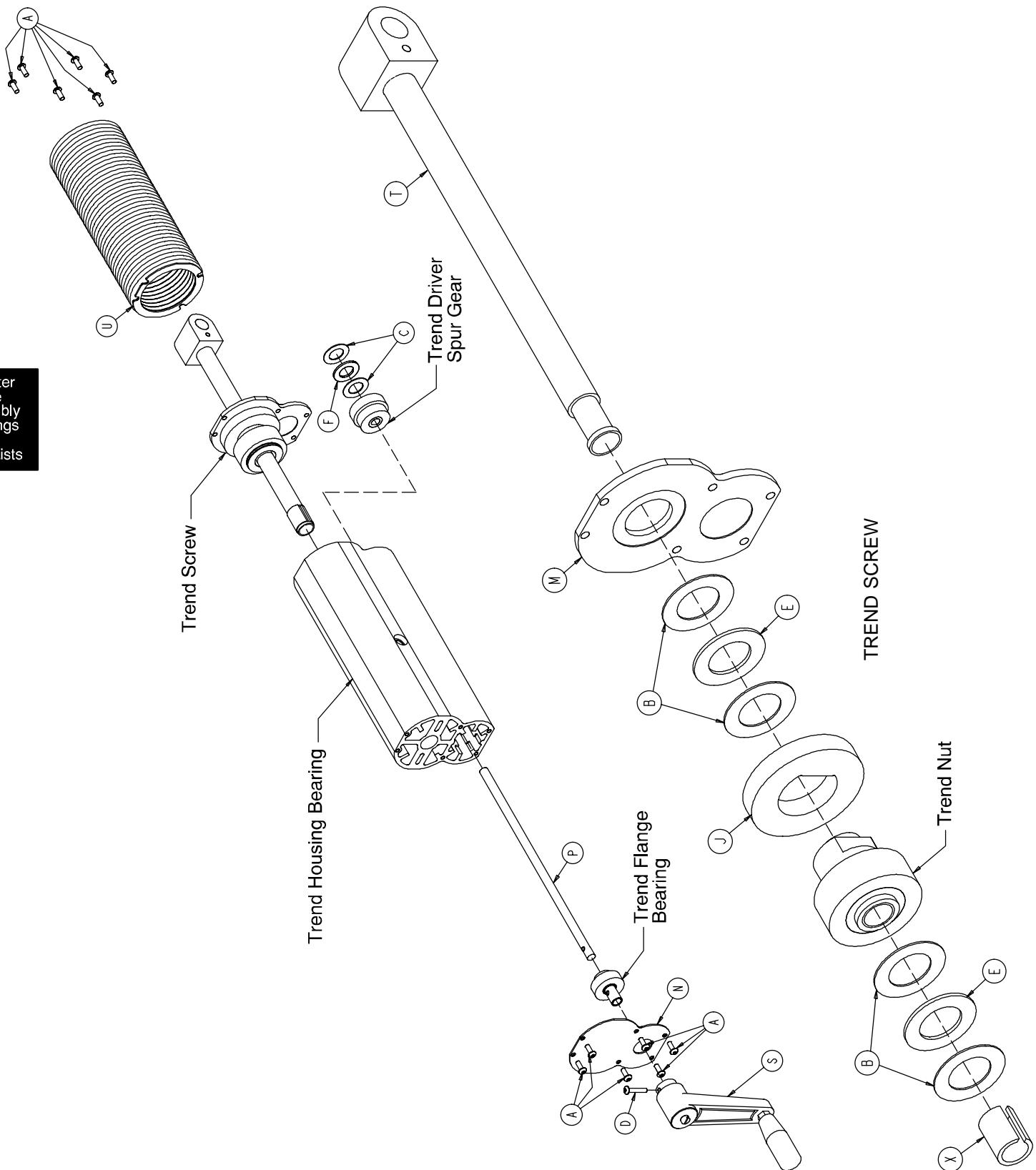
Outer Box Assembly



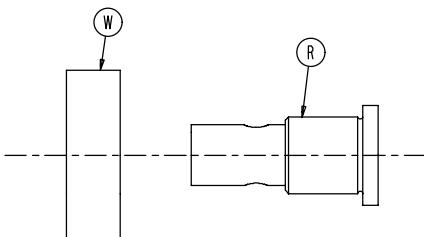
Outer Box Assembly

Item	Part No.	Part Name	Qty.
A	0003-074-000	Hex Hd. Cap Screw	2
B	0004-361-000	Button Hd. Cap Screw	4
C	0005-035-000	Carriage Bolt	4
D	0005-036-000	Carriage Bolt	6
E	0021-025-000	Set Screw	8
F	1033-034-031	Outer Box Top Rack	4
G	1033-034-032	Outer Box Bottom Rack	4
H	1033-034-036	Outer Box Rack Spacer	4
J	1033-034-050	Outer Box Lower Trend Pivot	1
K	1033-034-061	Outer Box Foot Box	1
L	1033-034-062	Outer Box Head Box	1
M	1033-034-070	Outer Box Trend Pivot Cap, Rt.	1
N	1033-034-075	Outer Box Trend Pivot Cap, Lt.	1
P	0016-122-000	Nylock Nut	10

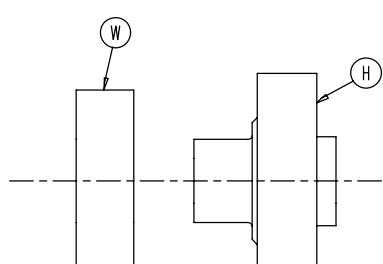
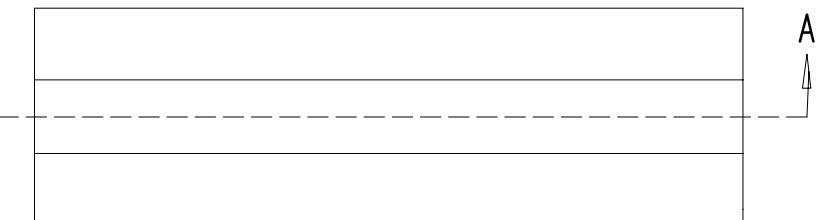
1033-033-130 Trend Actuator Assembly



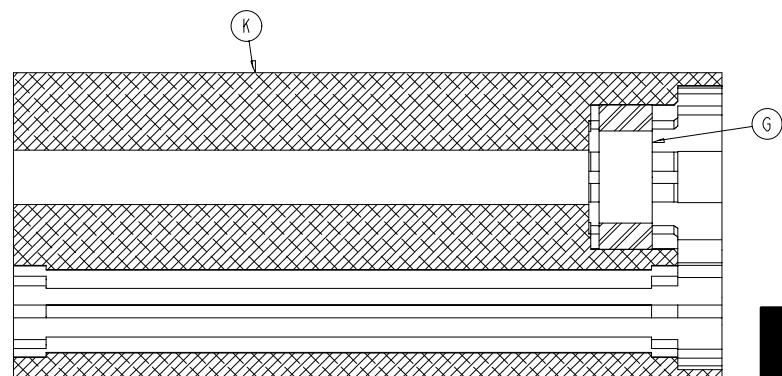
1033-033-130 Trend Actuator Assembly



TREND FLANGE BEARING

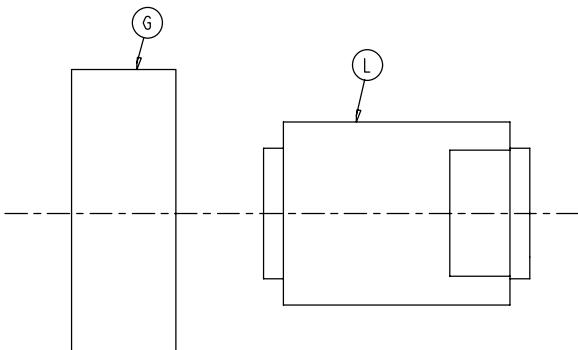


TREND DRIVER SPUR GEAR



SECTION A-A

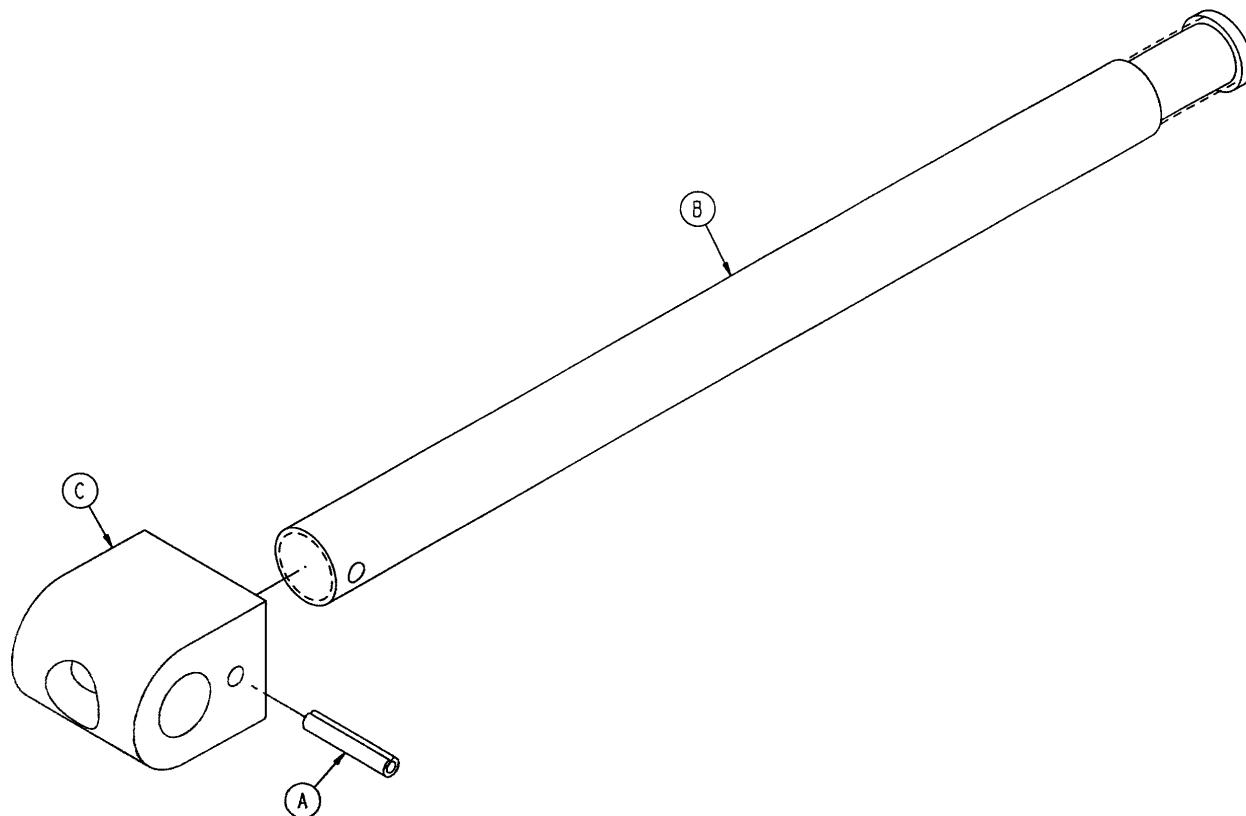
TREND HOUSING BEARING



TREND NUT

Chapter
Five
Assembly
Drawings
and
Parts Lists

Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	0004-304-000	But Hd. Cap Screw	12	L	1033-033-043	Trend Acme Nut	1
B	0011-464-000	Thrust Washer	4	M	1033-033-044	Trend Back Plate	1
C	0011-465-000	Thrust Washer	2	N	1033-033-046	Trend Front Plate	1
D	0004-222-000	But. Hd. Cap Screw	1	P	1033-033-047	Trend Drive Shaft	1
E	0081-314-000	Thrust Bearing	2	R	1033-033-048	Trend Flanged Bearing	1
F	0081-315-000	Thrust Bearing	1	S	1033-033-049	Trend Crank Handle	1
G	0081-316-000	Radial Bearing	1	T	(page 5-38)	Trend Inner Screw Ass'y	1
H	1033-033-036	Trend Driver Spur Gear	1	U	1033-33-35	Crank Bellows	1
J	1033-033-037	Trend Driver Spur Gear	1	W	0081-226-000	Bearing	2
K	1033-033-042	Trend Housing	1	X	1033-033-033	Trend Glide Bearing	1

1033-033-135 Trend Inner Screw Assembly

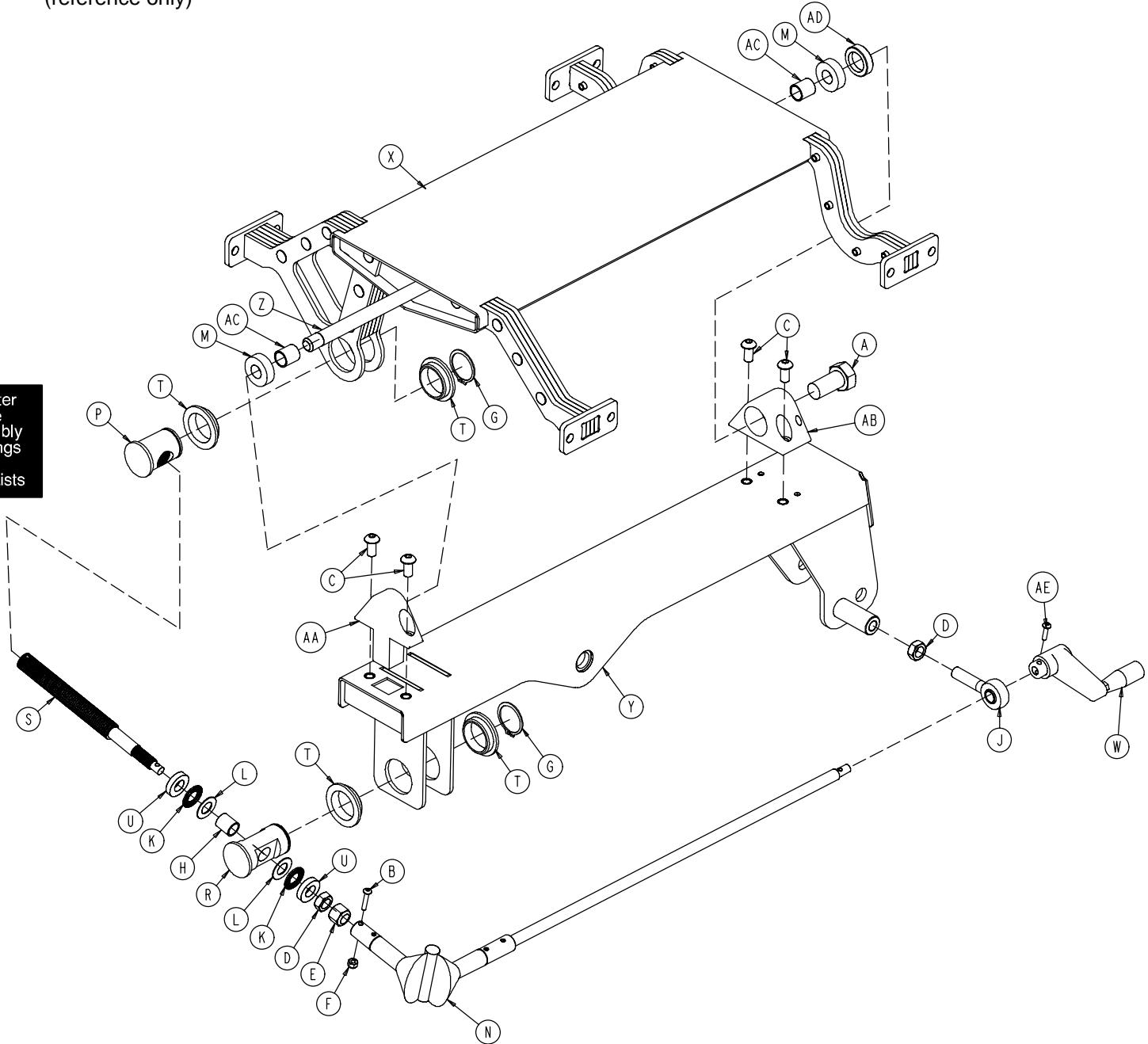
Item	Part No.	Part Name	Qty.
A	0026-114-000	Spring Pin	1
B	1033-033-032	Trend Screw	1
C	1033-033-034	Trend Screw Pivot	1

Notes

Chapter
Five
Assembly
Drawings
and
Parts Lists

Lateral Tilt Assembly

Assembly part number 1033-033-001
(reference only)



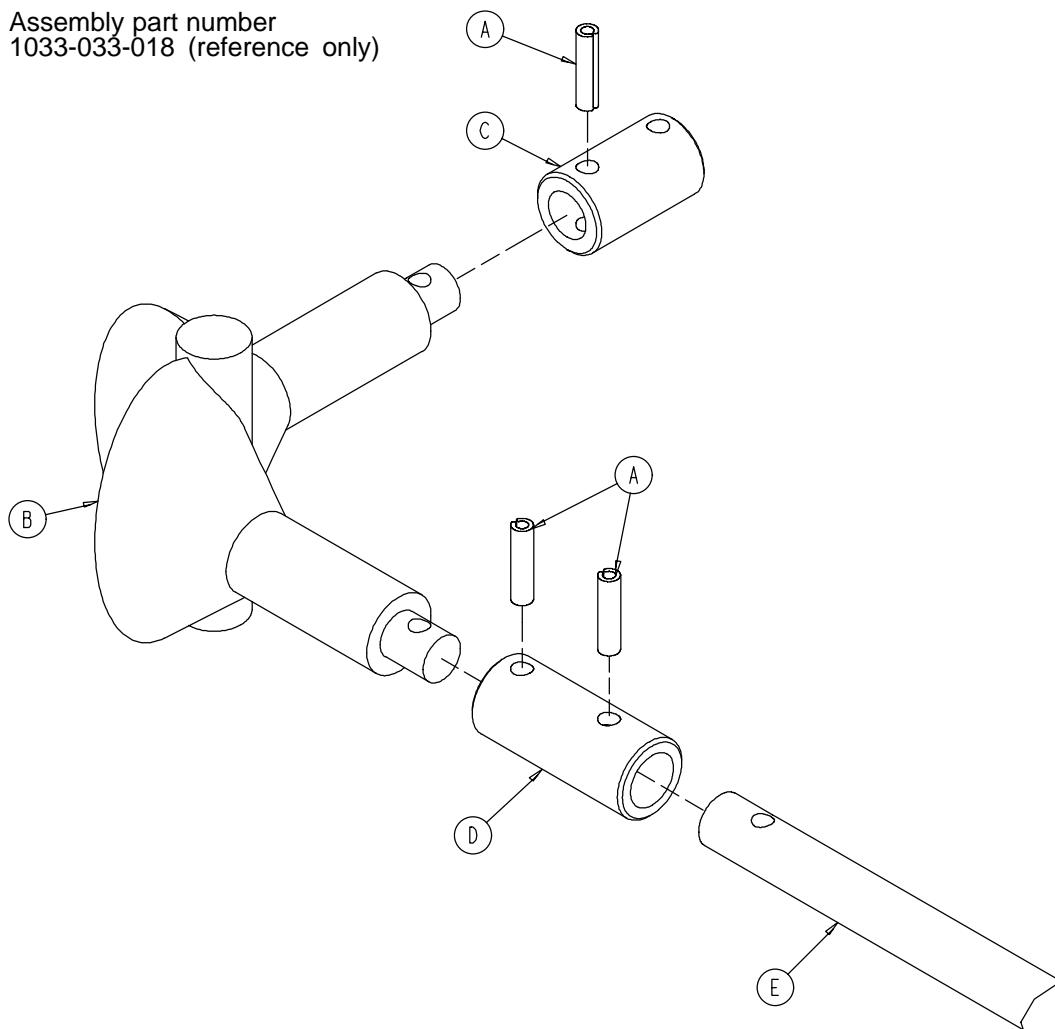
Lateral Tilt Assembly

Item	Part No.	Part Name	Qty.
A	0003-363-000	Hex Hd. Cap Screw	1
B	0004-357-000	But. Hd. Cap Screw	1
C	0004-365-000	But. Hd. Cap Screw	4
D	0015-068-000	Hex Jam Nut	2
E	0016-125-000	Nylock Nut	1
F	0016-127-000	Nylock Nut	1
G	0028-302-000	External Retaining Ring	2
H	0052-703-000	Bronze Bearing Sleeve	1
J	0052-825-000	Rod End Ball Joint	1
K	0081-308-000	Thrust Bearing	2
L	0081-309-000	Axial Bearing Washer	2
M	0081-226-000	Single Row Radial Ball Bearing	2
N	(page 5-42)	Lateral Tilt Hinged Gear Ass'y	1
P	1033-033-021	Lateral Tilt Nut	1
R	1033-033-022	Lateral Tilt Screw Pivot	1
S	1033-033-023	Lateral Tilt Screw	1
T	1033-033-024	Lateral Tilt Flange Bearing	4
U	1033-033-027	Lateral Tilt Bearing Plate	2
W	1033-033-030	Lateral Tilt Crank Handle	1
X	1033-033-050	Lateral Tilt Frame Wldmt.	1
Y	1033-033-110	Trend Frame Weldment	1
Z	1033-034-022	Trend Pivot Shaft	1
AA	1033-034-111	Lateral Tilt Foot Pillow Block	1
AB	1033-034-112	Lateral Tilt Head Pillow Block	1
AC	1033-034-113	Lateral Tilt Pivot Spacer	2
AD	1033-034-114	Lat. Tilt Brdg. Adjustment Spacer	1
AE	0004-456-000	But. Hd. Cap Screw	1

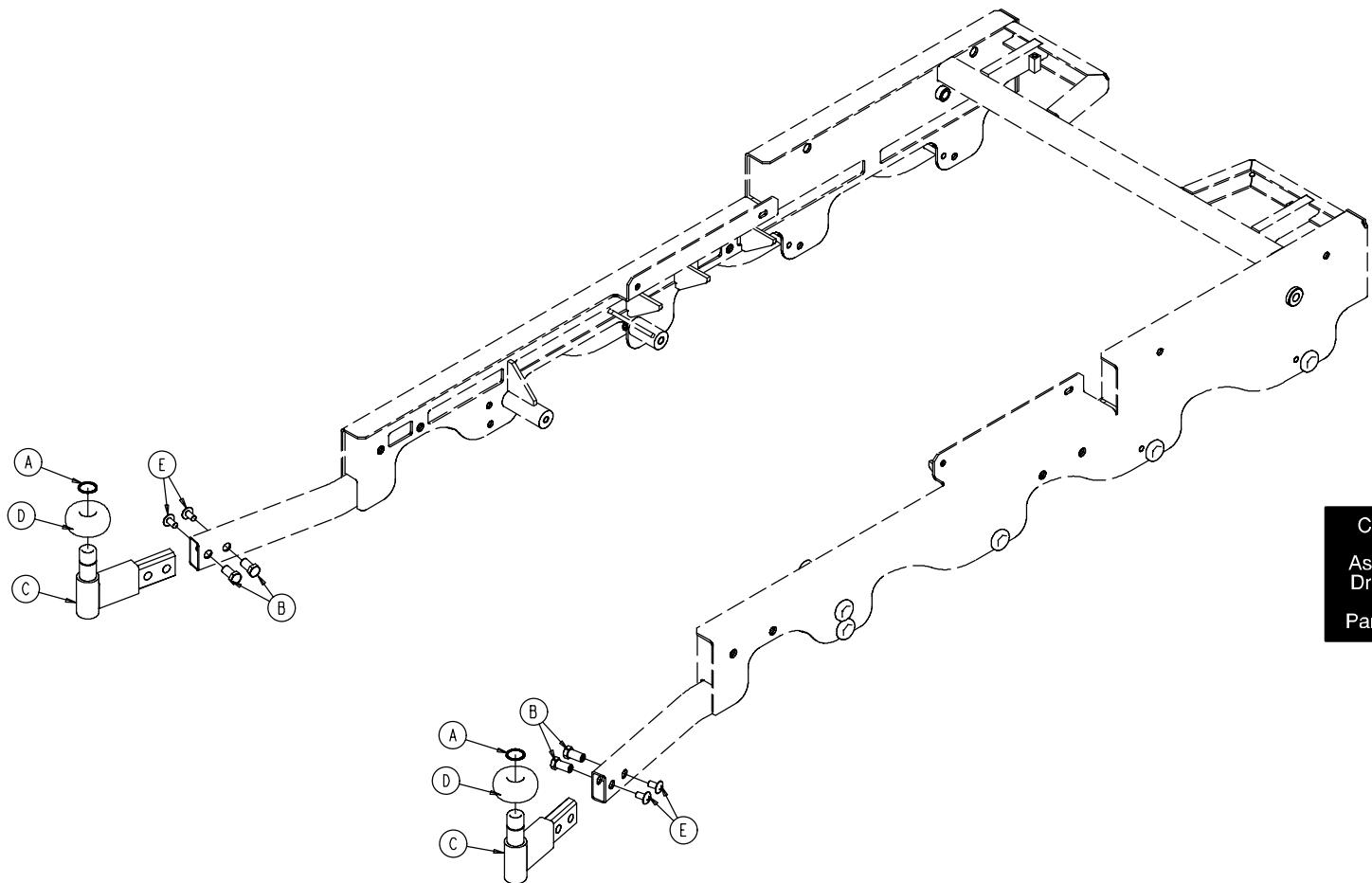
Chapter
Five
Assembly
Drawings
and
Parts Lists

Lateral Tilt Hinged Gear Assembly

Assembly part number
1033-033-018 (reference only)

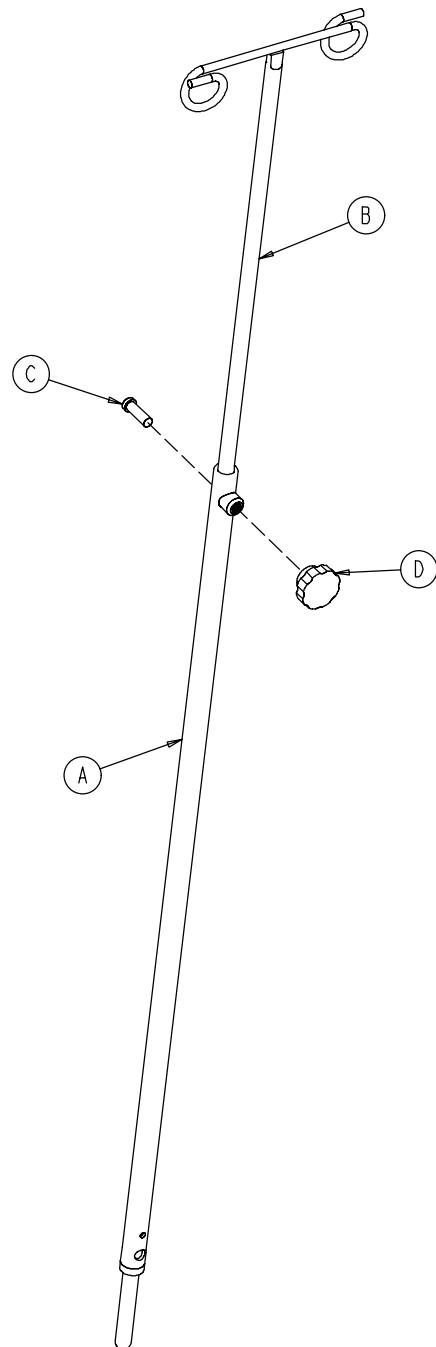


Item	Part No.	Part Name	Qty.
A	0026-118-000	Spring Pin	3
B	0052-826-000	Hinged Gear Joint	1
C	1033-033-019	Acme Screw Hinge Gear Coupler	1
D	1033-033-016	Crank Shaft Hinge Gear Coupler	1
E	1033-033-029	Lateral Tilt Crank Shaft	1
F	1033-033-028	Hinge Gear Cover	1
G	3000-300-114	4" Cable Tie	2

1033-110-030 Optional Standard I.V. Pole Receptacles

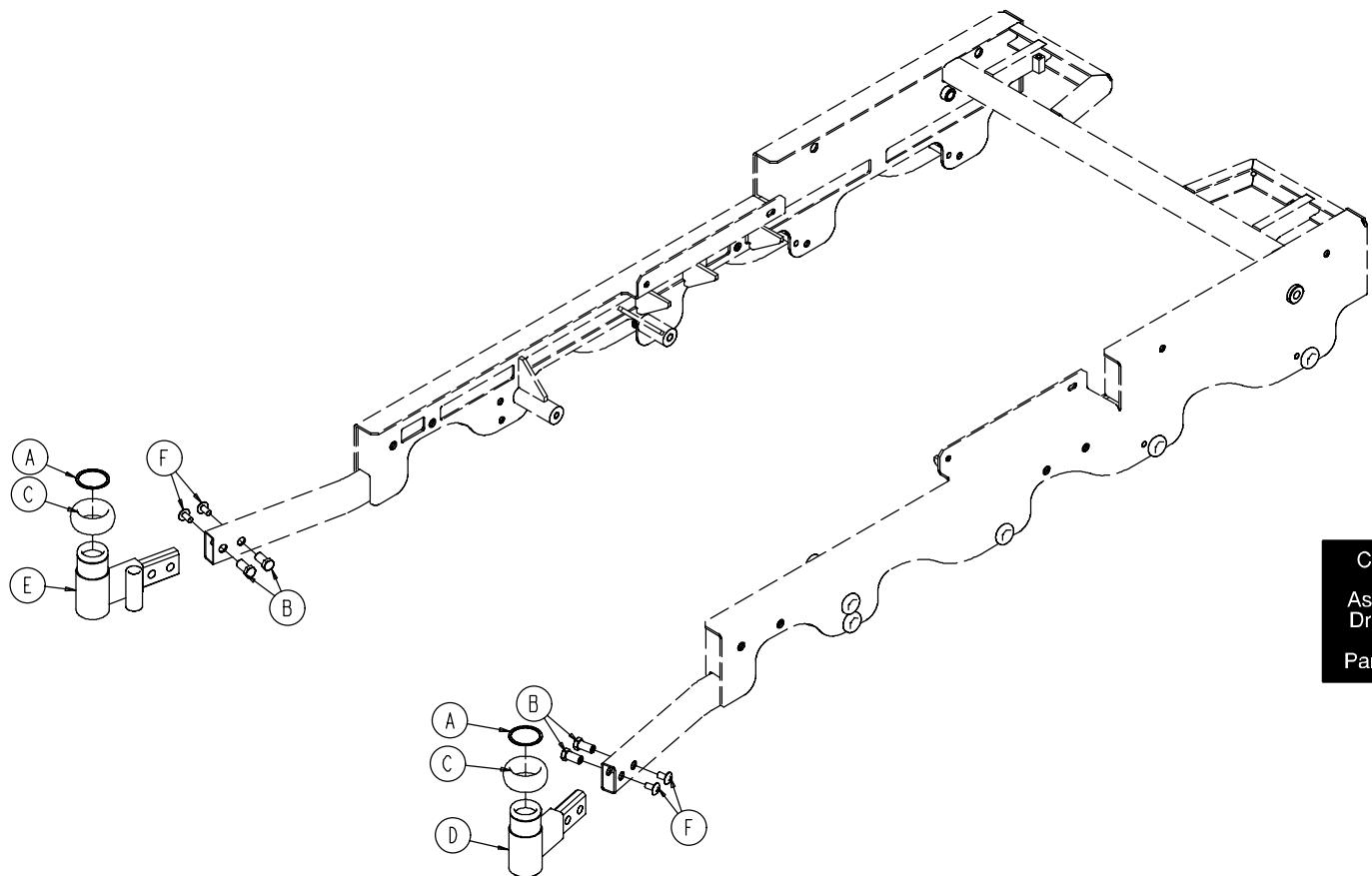
Chapter
Five
Assembly
Drawings
and
Parts Lists

Item	Part No.	Part Name	Qty.
A	0028-187-000	Spiral Retaining Ring	2
B	1033-030-038	Barrel Nut	4
C	1033-030-040	I.V. Pole Receptacle	2
D	1033-030-050	Bumper Roller	2
E	0007-058-000	Phillips Truss Hd. Screw	4

0721-047-006 Standard, Removable I.V. Pole Assembly

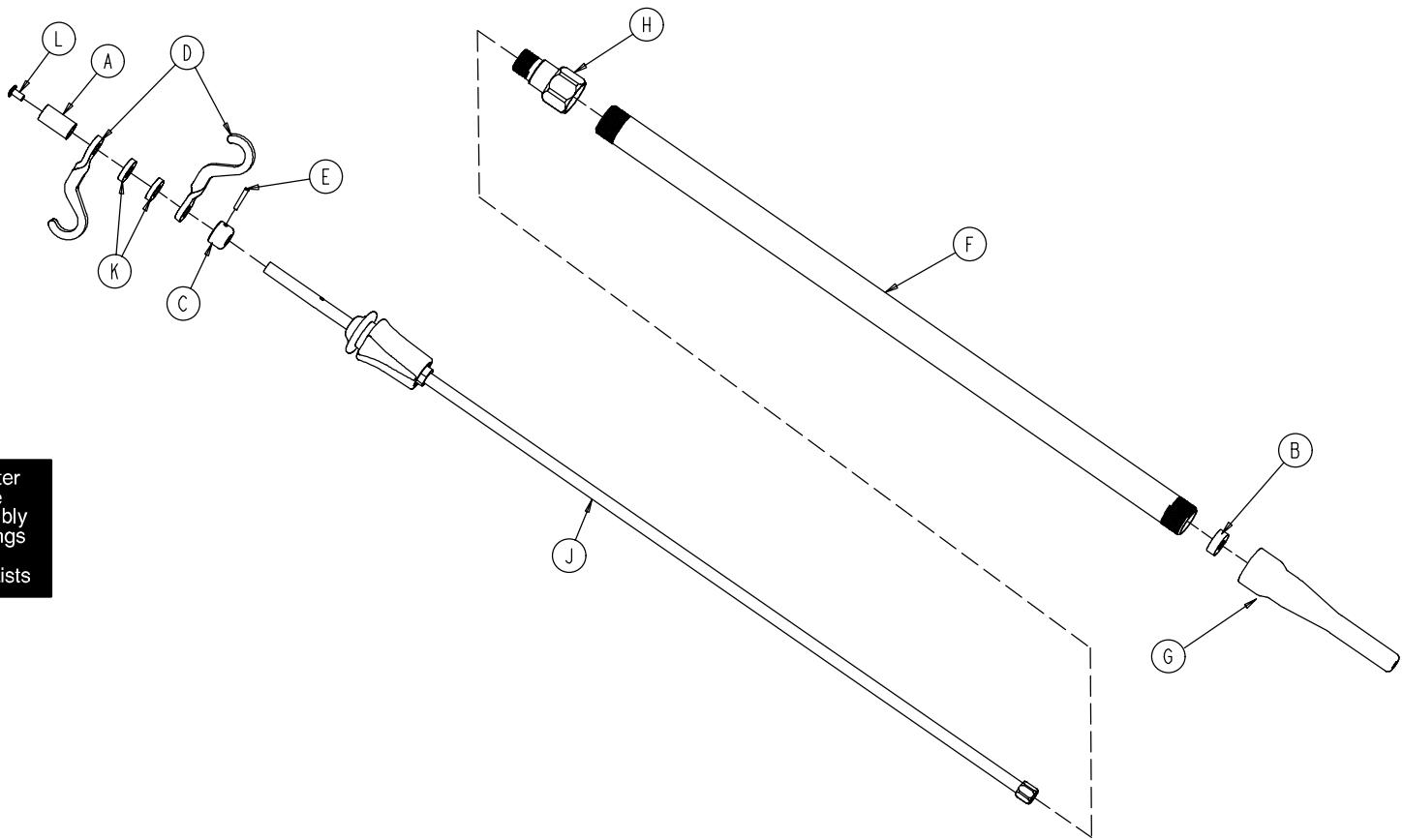
Chapter
Five
Assembly
Drawings
and
Parts Lists

Item	Part No.	Part Name	Qty.
A	0938-001-305	Pole Socket Assembly	1
B	0938-001-308	Pole Assembly	1
C	0004-495-000	Soc. Hd. Cap Screw	1
D	1211-117-016	Knob	1

1033-1 10-130 Optional Heavy-Duty I.V. Pole Receptacles

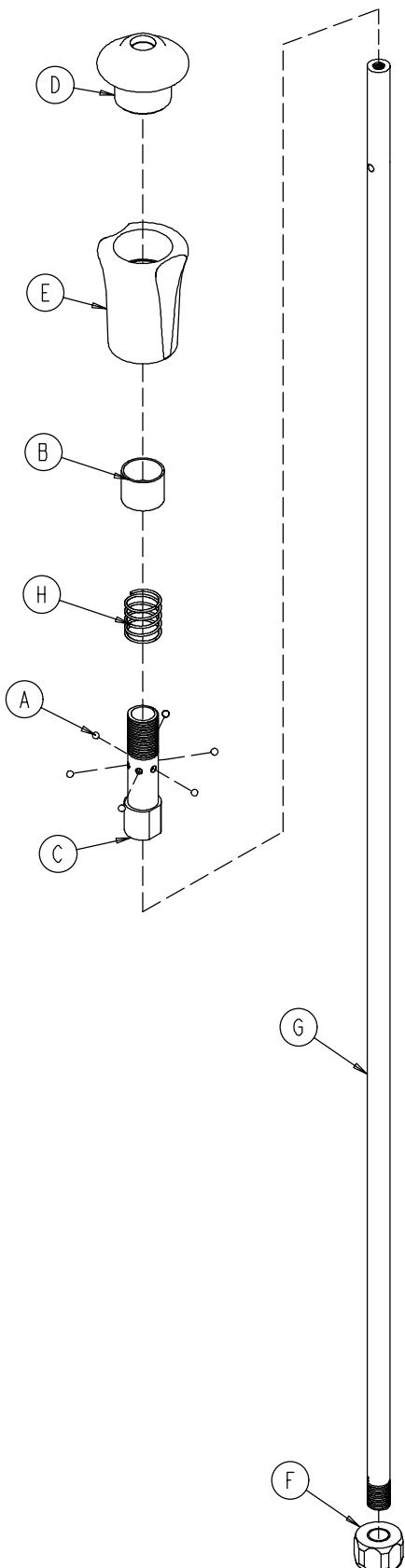
Chapter
Five
Assembly
Drawings
and
Parts Lists

Item	Part No.	Part Name	Qty.
A	0028-191-000	Spiral Retaining Ring	2
B	1033-030-038	Barrel Nut	4
C	1033-1 10-125	Bumper Roller	2
D	1033-1 10-140	I.V. Pole Receptacle, Right	1
E	1033-1 10-145	I.V. Pole Receptacle, Left	1
F	0007-058-000	Phillips Truss Hd. Mach. Screw	4

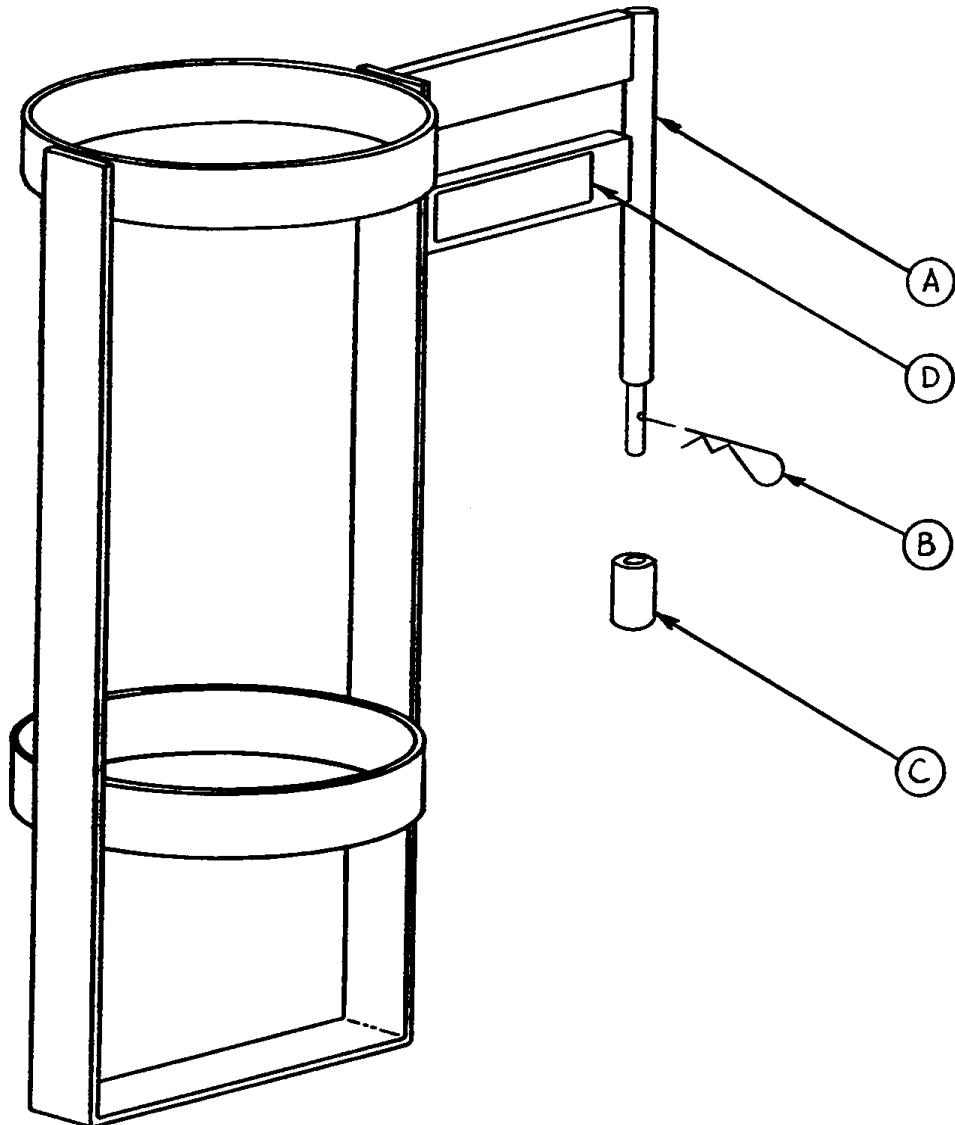
1033-110-110 Optional Heavy-Duty I.V. Pole Assembly

Chapter
Five
Assembly
Drawings
and
Parts Lists

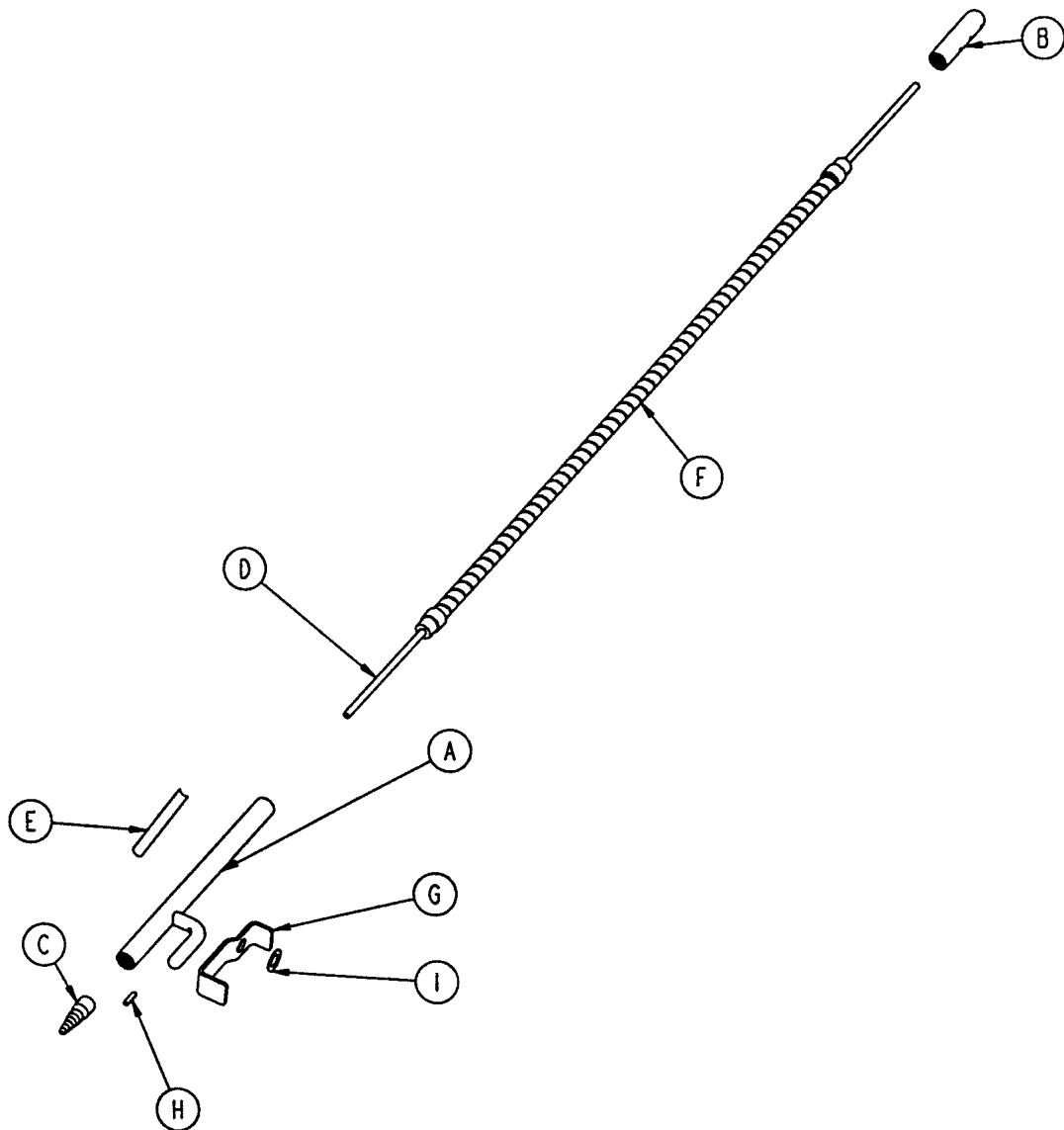
Item	Part No.	Part Name	Qty.
A	0926-400-162	Spacer	1
B	1001-359-013	Dampener	1
C	1010-061-014	Collar	1
D	1010-259-016	I.V. Hook	2
E	0026-076-000	Spring Pin	1
F	1033-110-111	H.D.I.V. Pole Tube	1
G	1033-110-112	H.D.I.V. Pole Insert	1
H	1033-110-113	H.D.I.V. Pole Tube Adapter	1
J	(page 5-47)	H.D.I.V. Pole Extension	1
K	0052-017-000	Spacer	2
L	0007-004-000	Truss Hd. Mach. Screw	1

1033-110-120 Heavy-Duty I.V. Pole Extension Assembly

Item	Part No.	Part Name	Qty.
A	0031-021-000	Ball Bearing	6
B	1010-061-013	Ball Retainer	1
C	1010-061-016	Retaining Shaft	1
D	1010-061-017	Thumb Knob	1
E	1010-061-018	Hand Guard	1
F	1033-110-017	Nut	1
G	1033-110-121	Extension Rod	1
H	0038-303-000	Compression Spring	1

1010-030-000 Optional Upright Oxygen Bottle Holder Assembly

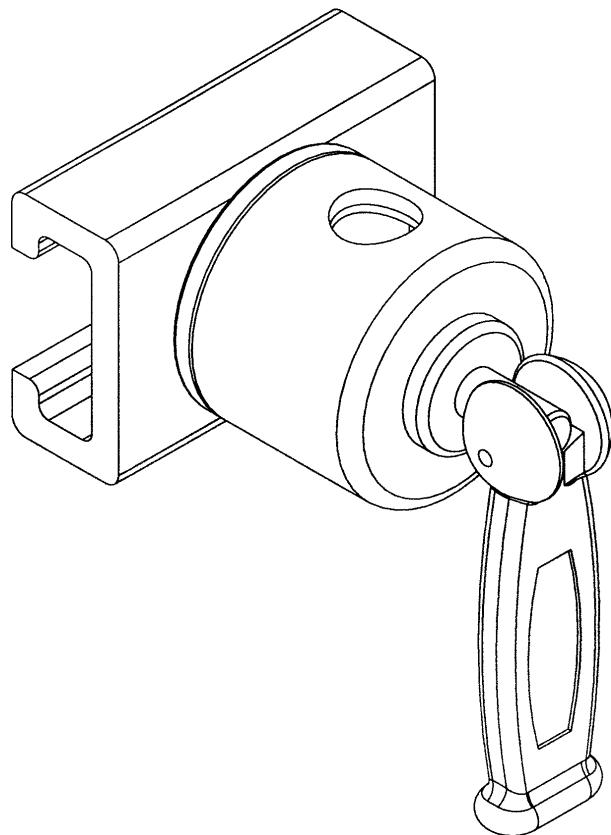
Item	Part No.	Part Name	Qty.
A	1010-030-011	Upright Bottle Holder	1
B	0027-012-000	Cotter Pin	1
C	0741-030-024	Nylon Stand-Off	1
D	1010-030-017	Specification Label	1

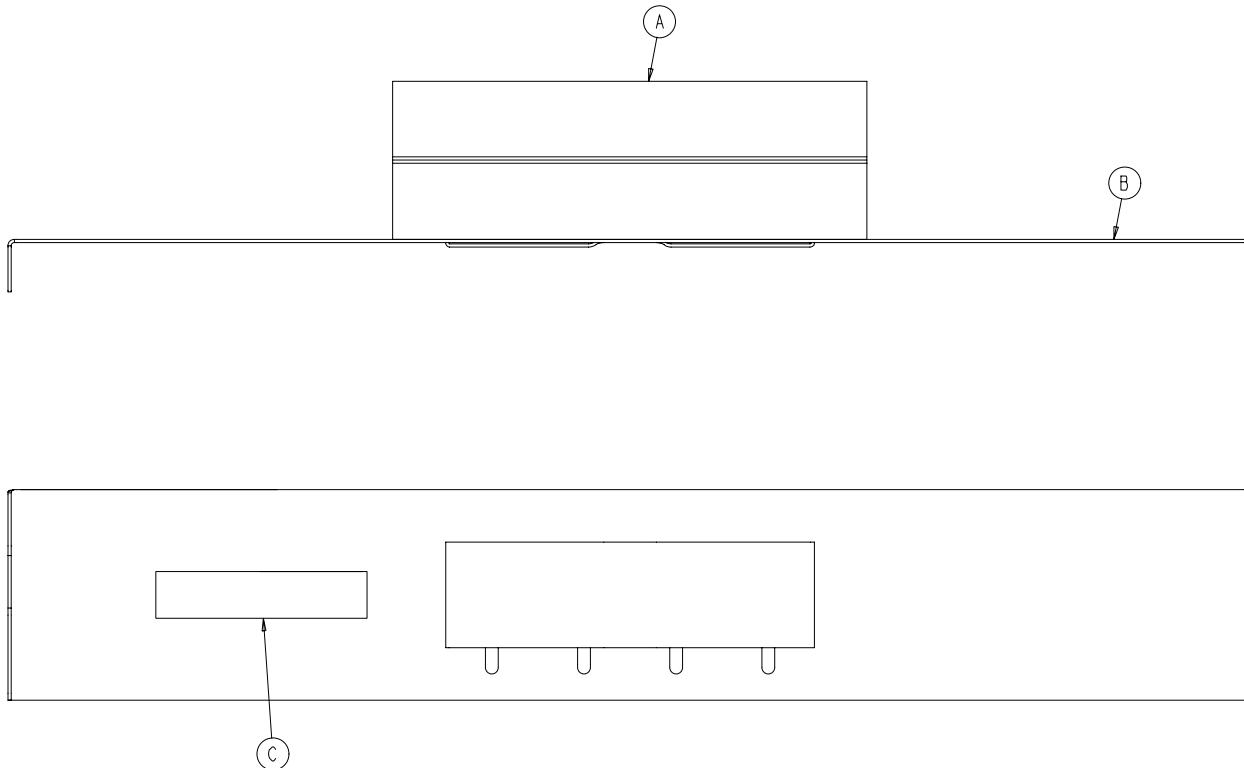
1068-168-000 Optional Drape Support Assembly

Chapter
Five
Assembly
Drawings
and
Parts Lists

Item	Part No.	Part Name	Qty.
A	1068-168-050	Drape Support Weldment	1
B	1068-068-043	Oxygen Tube Cap	1
C	1068-268-042	Oxygen Tube Receptacle	1
D	1068-068-041	Oxygen Supply Line	1
E	1068-090-068	Specification Label	1
F	1066-085-013	Goose Neck	1
G	1068-168-015	O ₂ Latch	1
H	0026-172-000	Roll Pin	1
I	0014-007-000	Nylon Washer	1

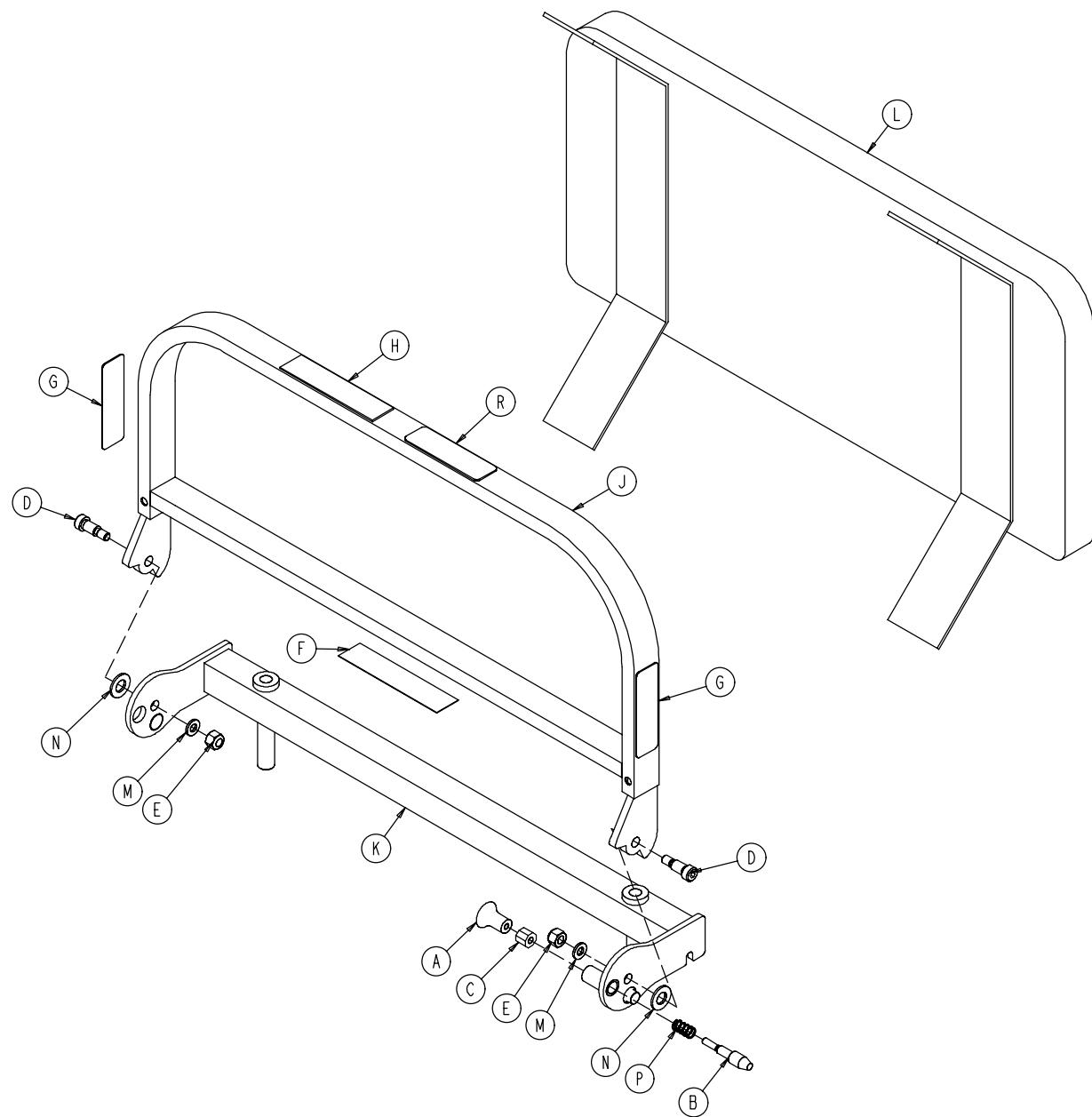
1068-054-010 Optional Direct Clamp



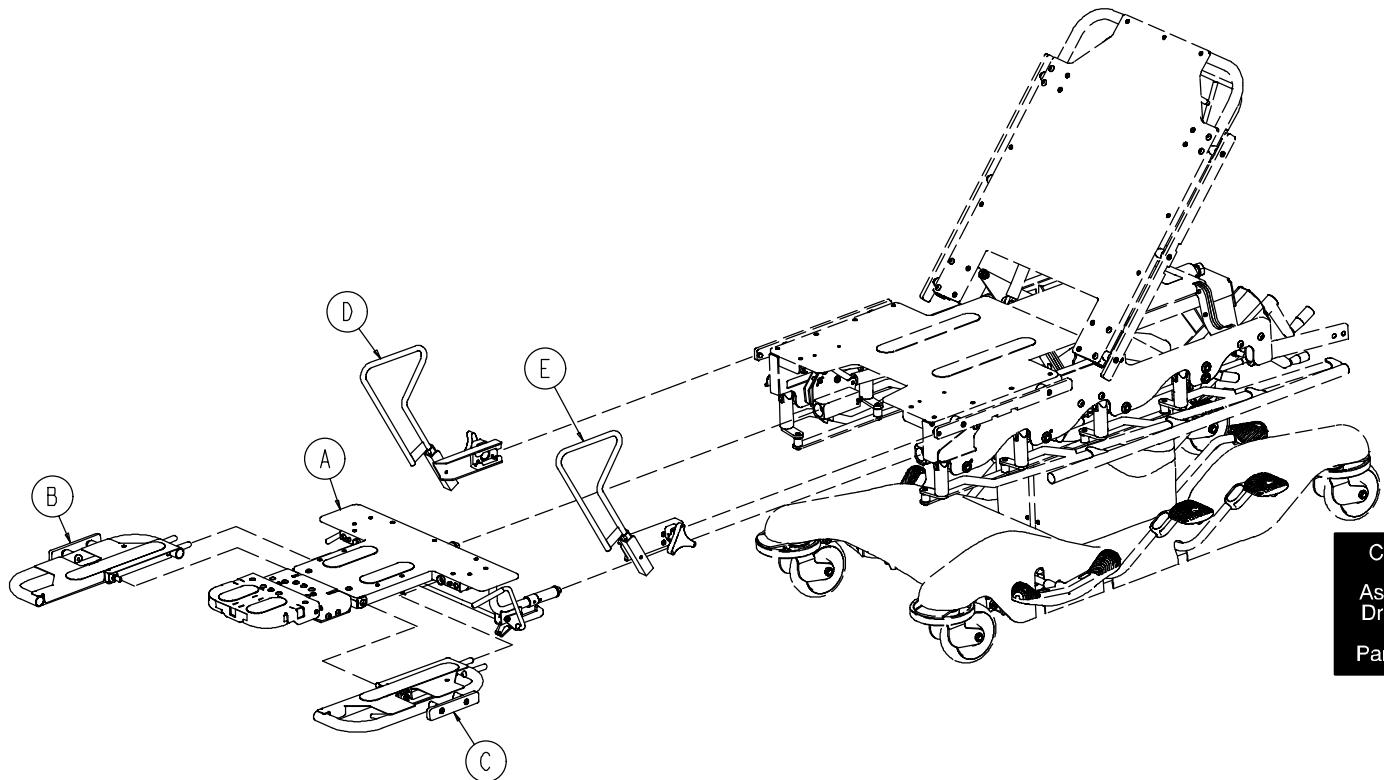
1034-041-201 Optional Perineal Pad Assembly

Chapter
Five
Assembly
Drawings
and
Parts Lists

Item	Part No.	Part Name	Qty.
A	1034-041-030	Perineal Pad Cushion	1
B	1033-041-034	Perineal Pad Plate	1
C	1034-041-039	Perineal Pad Label	1

1033-130-010 Optional Foot Board/Foot Extender Assembly

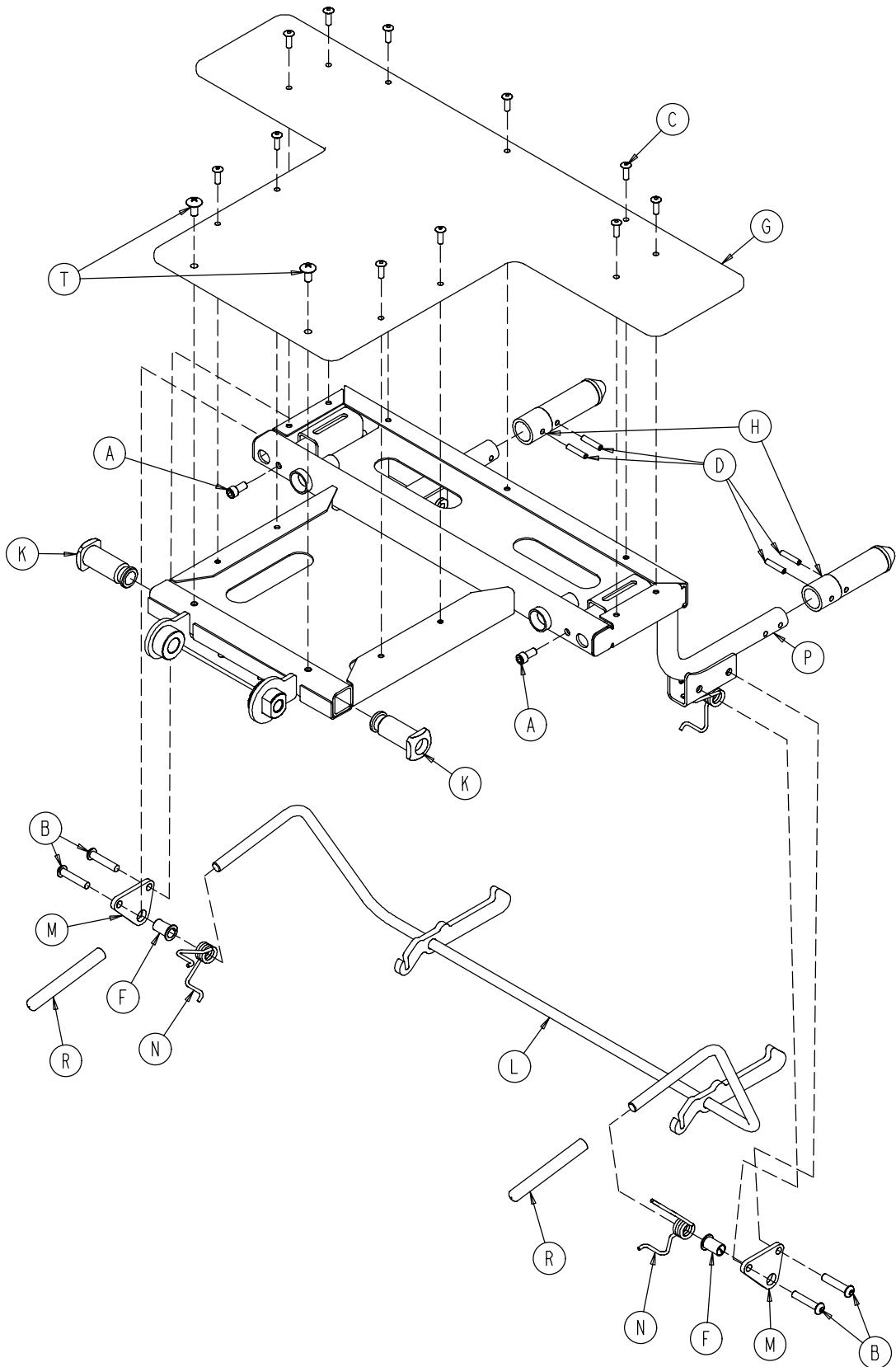
Item	Part No.	Part Name	Qty.	Item	Part No.	Part Name	Qty.
A	1010-050-050	Knob	1	J	1033-130-030	Extender Pivot Frame	1
B	1010-050-248	Lower Pin Lock	1	K	1033-130-045	Extender Mount	1
C	1010-050-250	Lock Adjuster	1	L	1033-130-050	Foot Extender Cushion	1
D	0008-056-000	Soc. Hd. Shoulder Screw	2	M	0014-002-000	Nylon Washer	2
E	0016-122-000	Nylock Nut	2	N	0014-020-000	Nylon Washer	2
F	1033-130-021	Specification Label	1	P	0038-133-000	Compression Spring	1
G	1033-130-022	Maximum Weight Label	2	R	1033-090-034	"Do Not Sit" Label	1
H	1033-130-023	Push/Pull Label	1				

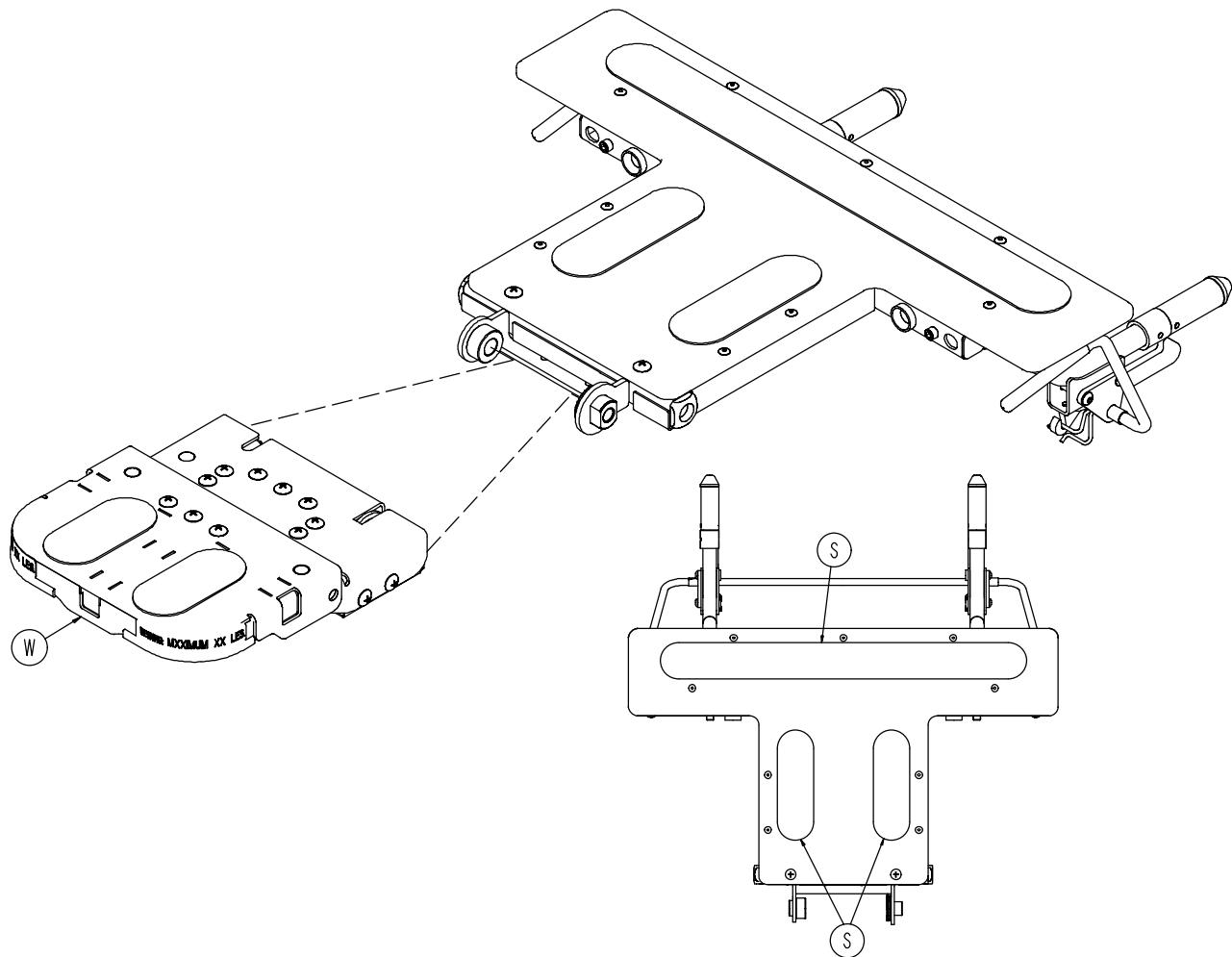
1033-132-000 Foot/Fowler Option Assembly

Chapter
Five
Assemblies
and
Parts Lists

Item	Part No.	Part Name	Qty.
A	(page 5-54)	Foot Fowler Assembly	1
B	(page 5-56)	Pre-Op/Post-Op Head Pad, Rt.	1
C	(page 5-56)	Pre-Op/Post-Op Head Pad, Lt.	1
D	(page 5-62)	Foot End Siderail Assembly, Rt.	1
E	(page 5-62)	Foot End Siderail Assembly, Lt.	1

Refer to page 5-10 for the part numbers of the Foot/Fowler mounting receptacles.

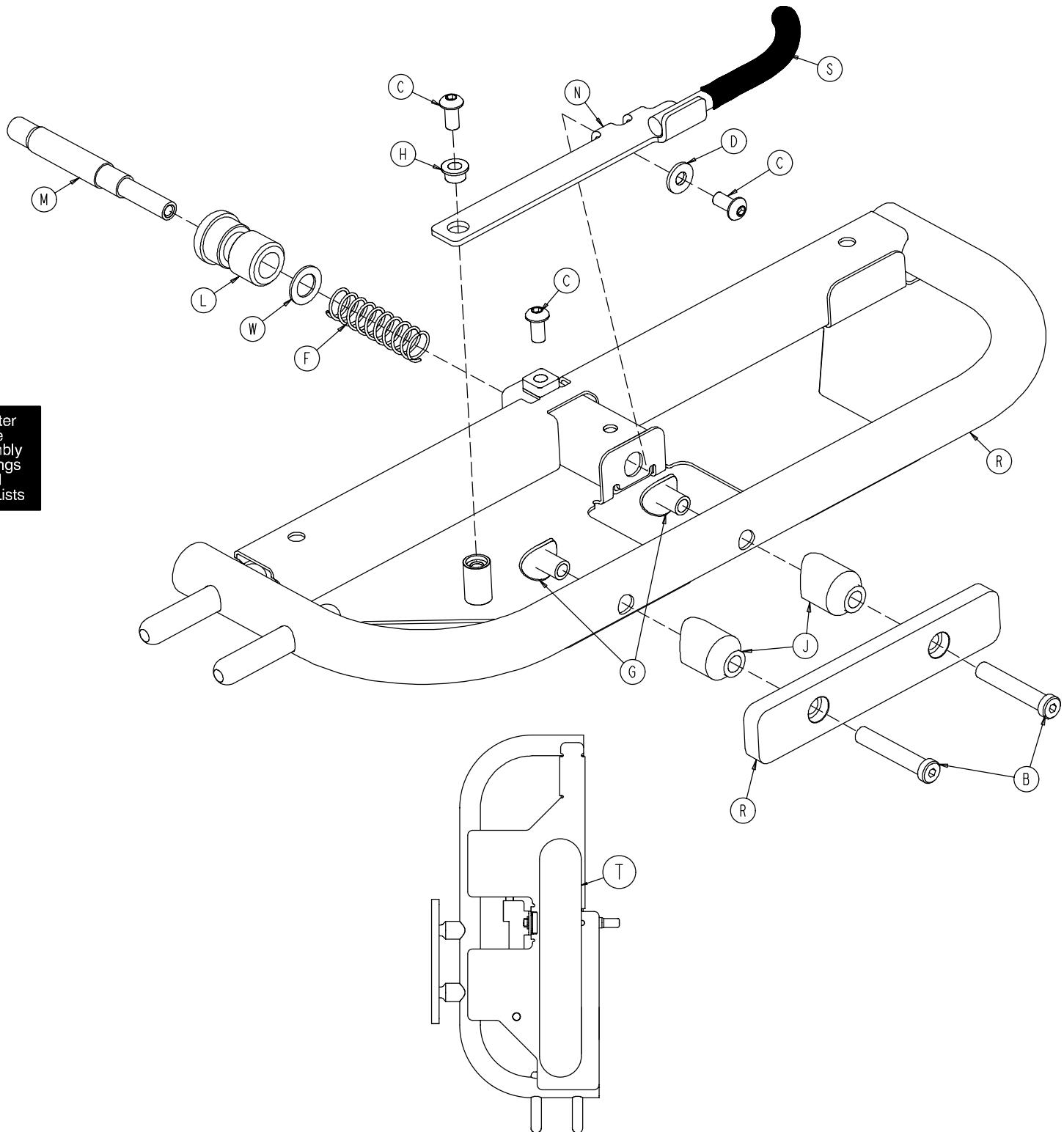
1033-132-010 Optional Foot/Fowler Assembly

1033-132-010 Optional Foot/Fowler Assembly

Chapter
Five
Assembly
Drawings
and
Parts Lists

Item	Part No.	Part Name	Qty.
A	0004-018-000	Soc. Hd. Cap Screw	2
B	0004-360-000	But. Hd. Cap Screw	4
C	0025-133-000	Blind Rivet	11
D	0026-149-000	Slotted Spring Pin	4
F	0052-815-000	Nyliner	2
G	1033-132-015	Foot/Fowler Skin	1
H	1033-132-020	Prong Insert	2
K	1033-132-030	Pre-Op Pad Insert	2
L	1033-132-040	Release Rod	1
M	1033-132-045	Release Rod Hanger Plate	2
N	1033-132-047	Release Torsion Spring	2
P	1033-132-100	Foot/Fowler Weldment	1
R	0037-200-000	Vinyl Cap	2
S	7900-001-102	6" Velcro Pile	2.67 Ft.
T	0007-080-000	Truss Hd. Mach. Screw	2
W	(page 5-58)	Head Piece Assembly	1

Optional Pre-Op/Post-Op Pad Assembly



Optional Pre-Op/Post-Op Pad Assembly

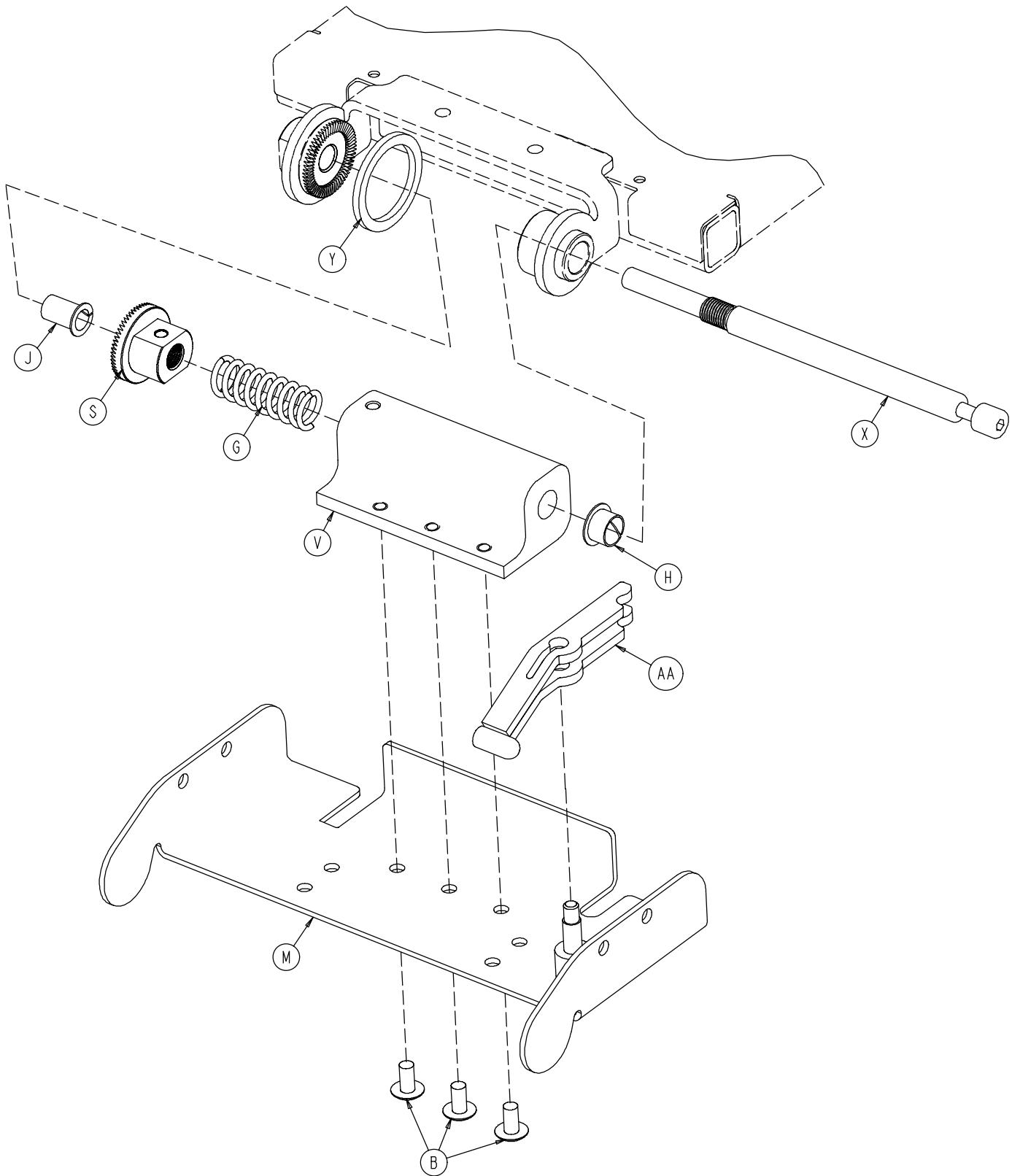
1033-132-050 Pre-Op/Post-Op Pad, Right

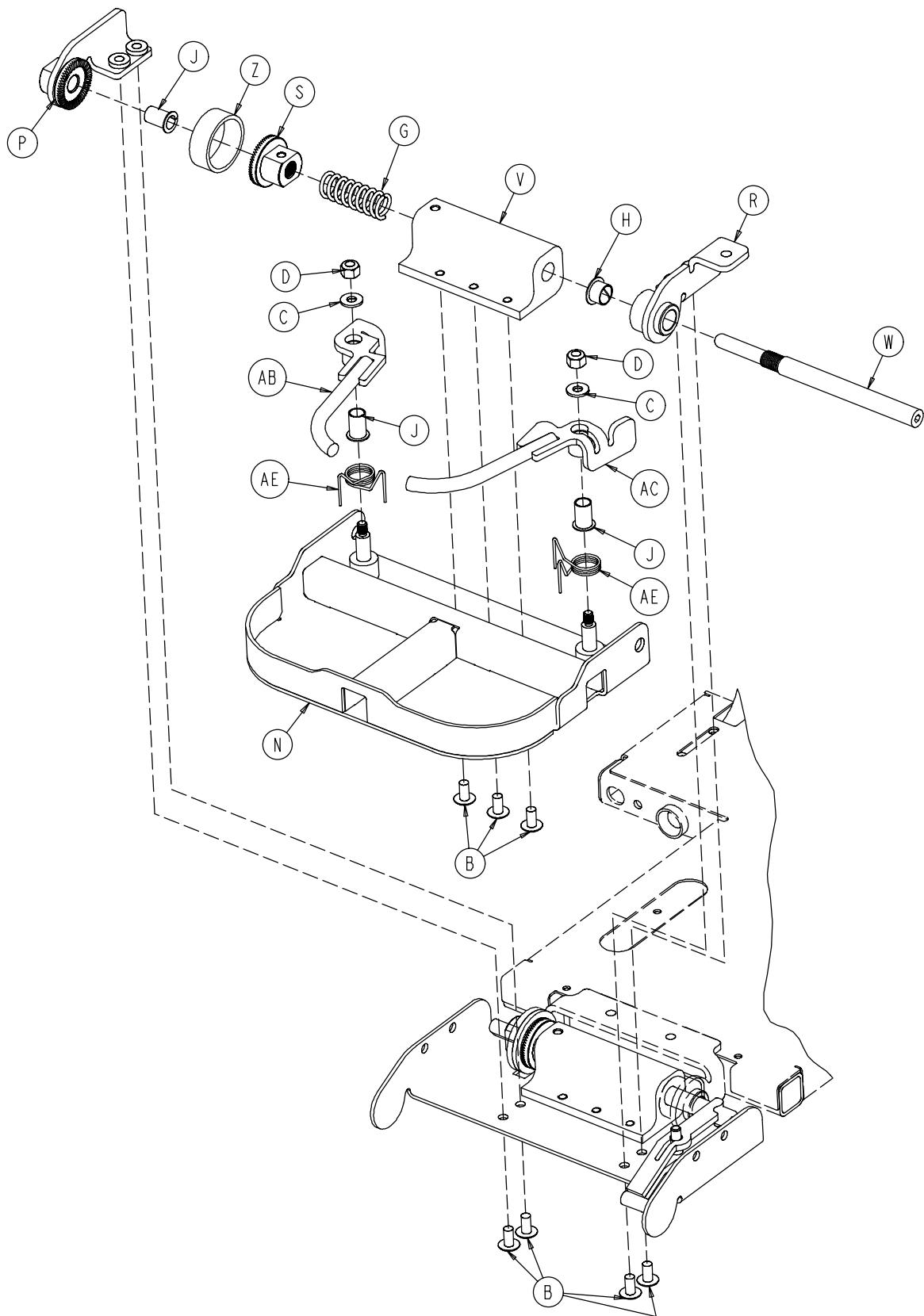
Item	Part No.	Part Name	Qty.
B	0004-371-000	Low Soc. Hd. Cap Screw	2
C	0004-325-000	But. Hd. Cap Screw	3
D	0011-456-000	Washer	1
F	0038-499-000	Compression Spring	1
G	0052-795-000	Weld Nut	2
H	0081-293-000	Flange Bearing	1
J	1033-031-019	Spacer	2
L	1033-132-060	Slider Tube	1
M	1033-132-070	Slider Pin	1
N	1033-132-081	Pre-Op Lever, Right	1
P	1033-132-090	Pre-Op Surgery Acc. Rail	1
R	1033-132-151	Pre-Op Frame, Right	1
S	0037-200-000	Handle Grip	1
T	7900-001-102	11.5" Velcro Pile	.96'
W	0011-286-000	Washer	1

1033-132-055 Pre-Op/Post-Op Pad, Left

Item	Part No.	Part Name	Qty.
B	0004-371-000	Low Soc. Hd. Cap Screw	2
C	0004-325-000	But. Hd. Cap Screw	3
D	0011-456-000	Washer	1
F	0038-499-000	Compression Spring	1
G	0052-795-000	Weld Nut	2
H	0081-293-000	Flange Bearing	1
J	1033-031-019	Spacer	2
L	1033-132-060	Slider Tube	1
M	1033-132-070	Slider Pin	1
N	1033-132-080	Pre-Op Lever, Left	1
P	1033-132-090	Pre-Op Surgery Acc. Rail	1
R	1033-132-150	Pre-Op Frame, Left	1
S	0037-200-000	Handle Grip	1
T	7900-001-102	11.5" Velcro Pile	.96'
W	0011-286-000	Washer	1

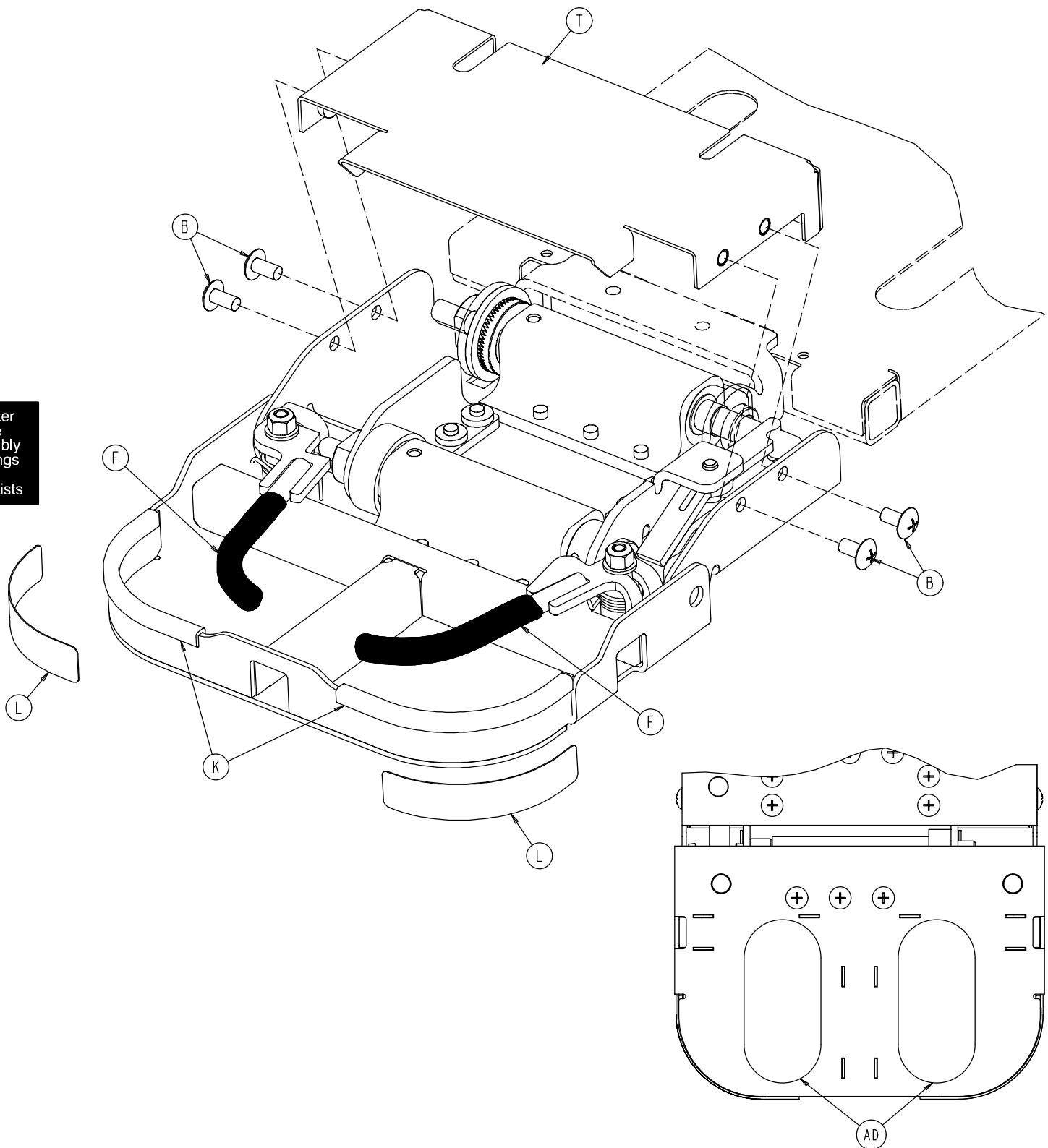
1069-133-020 Optional Head Piece Assembly



1069-133-020 Optional Head Piece Assembly

Chapter
Five
Assembly
Drawings
and
Parts Lists

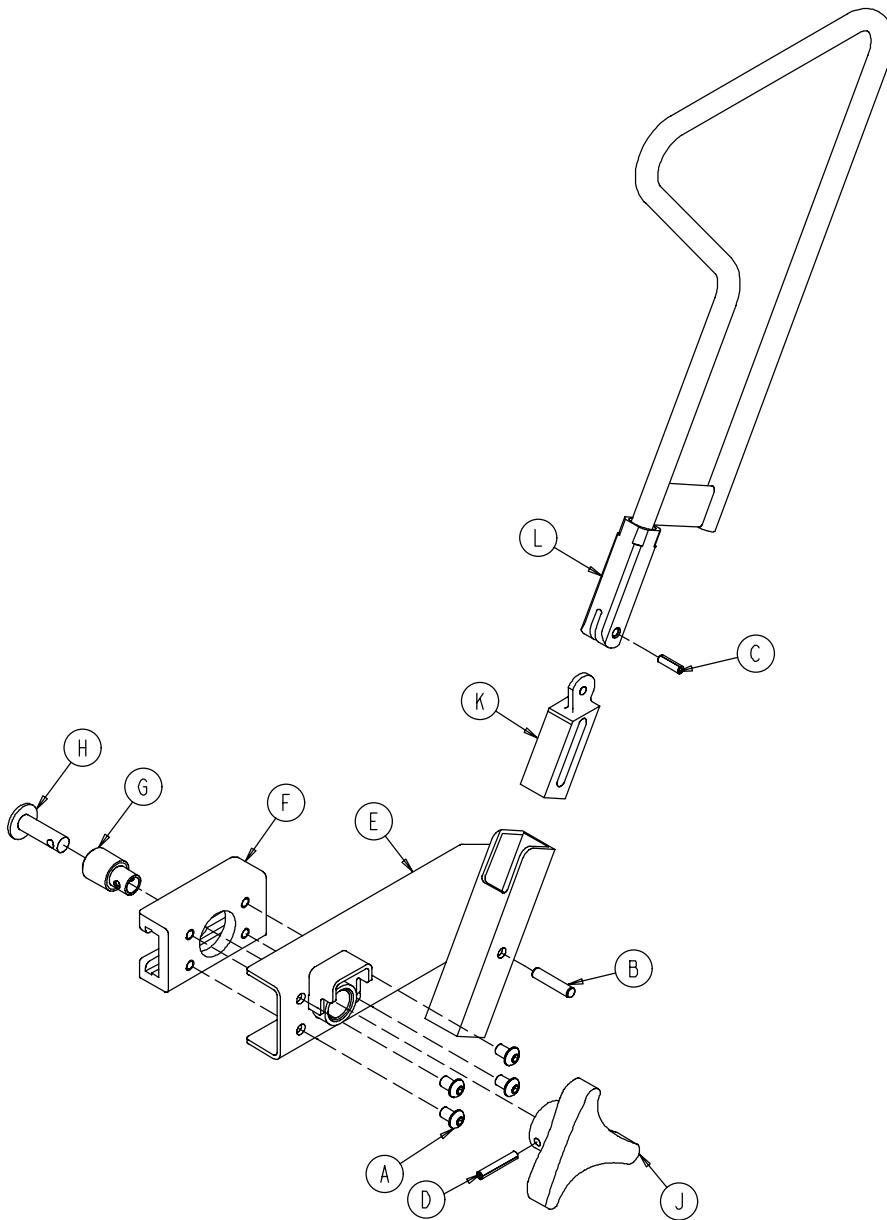
1069-133-020 Optional Head Piece Assembly



1069-133-020 Optional Head Piece Assembly

Item	Part No.	Part Name	Qty.
B	0007-080-000	Truss Hd. Mach. Screw	14
C	0011-304-000	Washer	2
D	0016-123-000	Hex Nut	2
F	0037-200-000	Vinyl Cap	2
G	0038-474-000	Compression Spring	2
H	0052-086-000	Nyliner	2
J	0052-815-000	Nyliner	4
K	0058-056-000	Edge Trim	2
L	1068-091-021	40 Pounds Max. Label	2
M	1069-133-030	Neck Weldment	1
N	1069-133-040	Head Weldment	1
P	1069-133-057	Head Bracket Weldment, Rt.	1
R	1069-133-058	Head Bracket Weldment, Lt.	1
S	1069-133-073	Shaft Gear	2
T	1069-133-075	Head Piece Cover	1
V	1069-133-076	Gear Housing	2
W	1069-133-083	Head Shaft	1
X	1069-133-084	Neck Shaft	1
Y	1069-133-085	Neck Spacer	1
Z	1069-133-088	Head Spacer	1
AA	1069-133-100	Link Weldment	1
AB	1069-133-110	Handle Weldment, Right	1
AC	1069-133-115	Handle Weldment, Left	1
AD	7900-001-102	4.25" Velcro Pile	.71 Ft.
AE	1069-133-121	Handle Torsion Spring	2

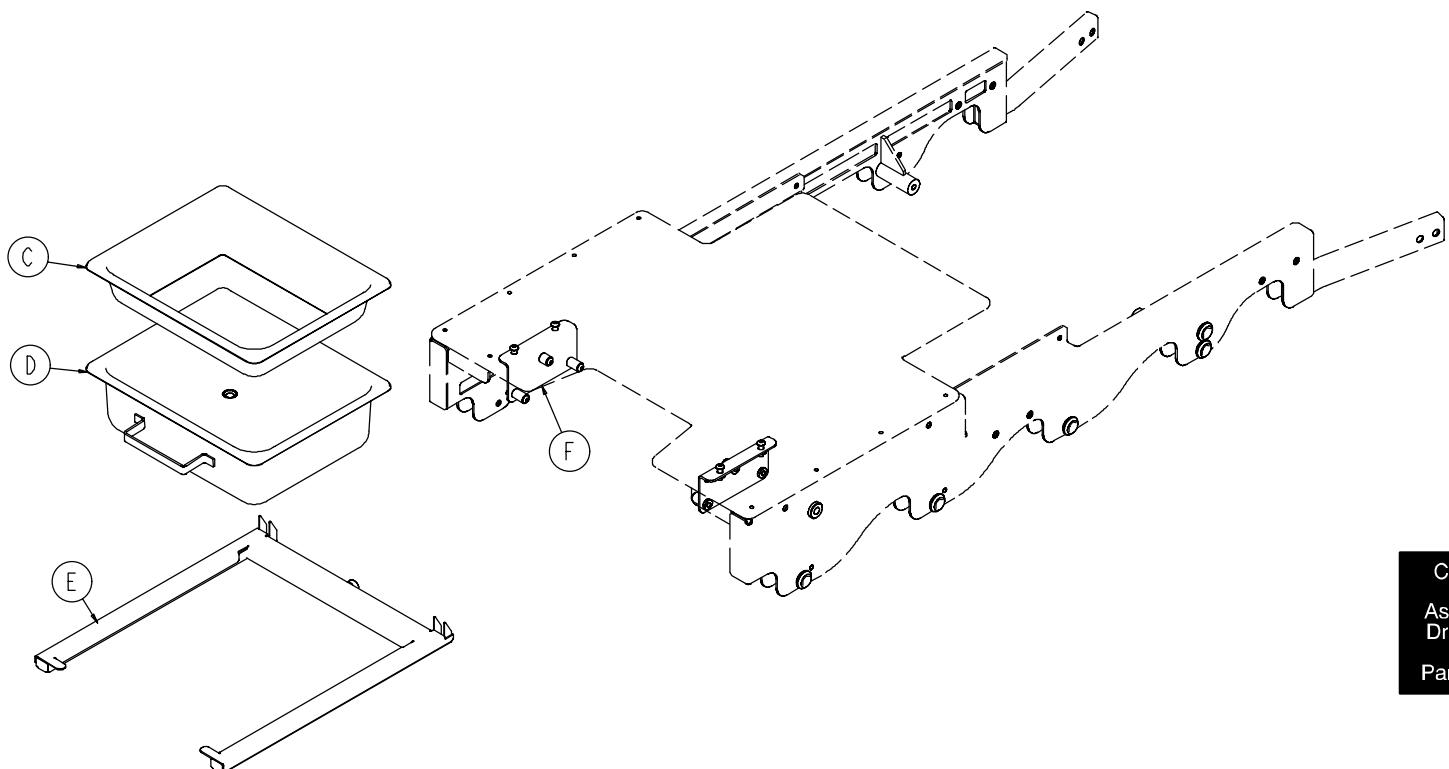
Chapter
Five
Assembly
Drawings
and
Parts Lists

1033-132-201 Optional Foot End Siderail Assembly**1033-132-200 Siderail Assembly, Right**

Item	Part No.	Part Name	Qty.
A	0004-074-000	But. Hd. Cap Screw	4
B	0026-332-000	Dowel Pin	1
C	0026-172-000	Slotted Spring Pin	1
D	0026-209-000	Slotted Spring Pin	1
E	1033-132-210	Siderail Brkt. Wldmt., Rt.	1
F	1033-132-230	Siderail Clamp	1
G	1033-132-233	Clamp Screw	1
H	1033-132-235	Clamp Contact Pad	1
J	1033-132-240	Siderail Knob	1
K	1033-132-245	Tube Insert Link	1
L	1033-132-250	Siderail Bar Weldment	1

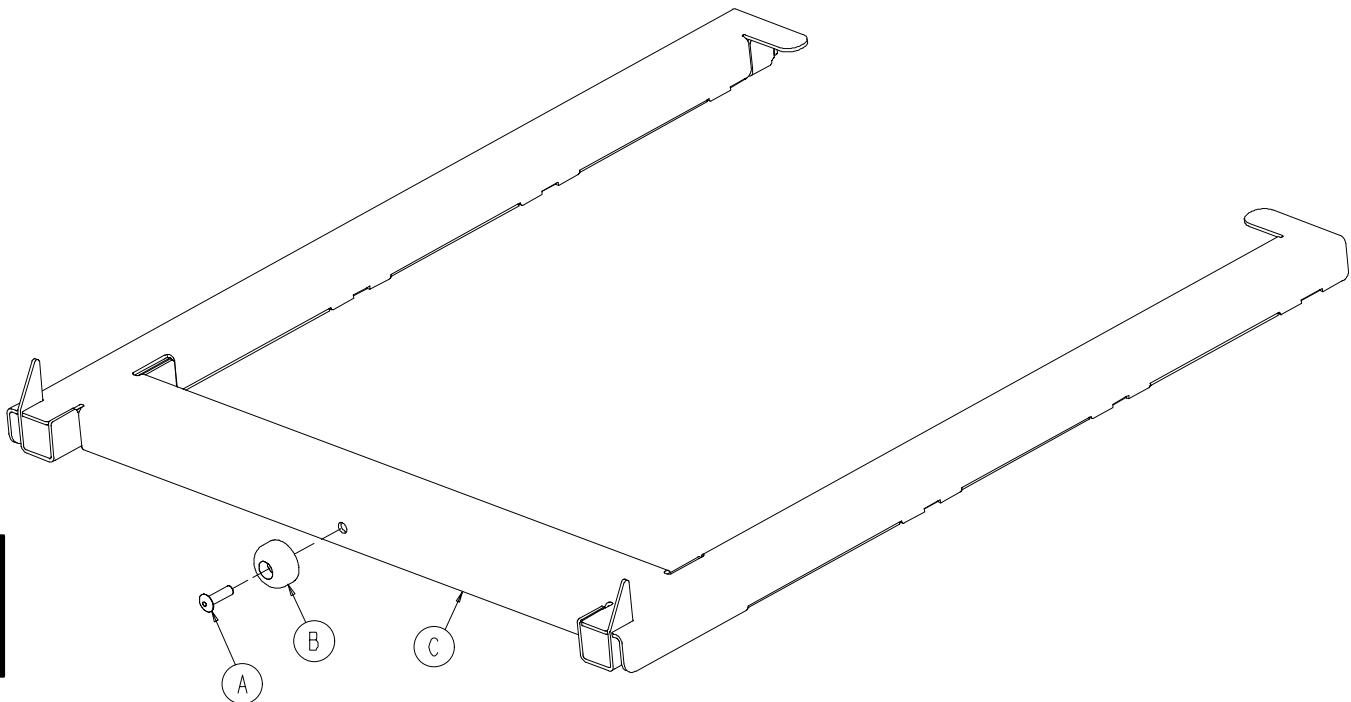
1033-132-205 Siderail Assembly, Left

Item	Part No.	Part Name	Qty.
A	0004-074-000	But. Hd. Cap Screw	4
B	0026-332-000	Dowel Pin	1
C	0026-172-000	Slotted Spring Pin	1
D	0026-209-000	Slotted Spring Pin	1
E	1033-132-215	Siderail Brkt. Wldmt., Lt.	1
F	1033-132-230	Siderail Clamp	1
G	1033-132-233	Clamp Screw	1
H	1033-132-235	Clamp Contact Pad	1
J	1033-132-240	Siderail Knob	1
K	1033-132-245	Tube Insert Link	1
L	1033-132-250	Siderail Bar Weldment	1

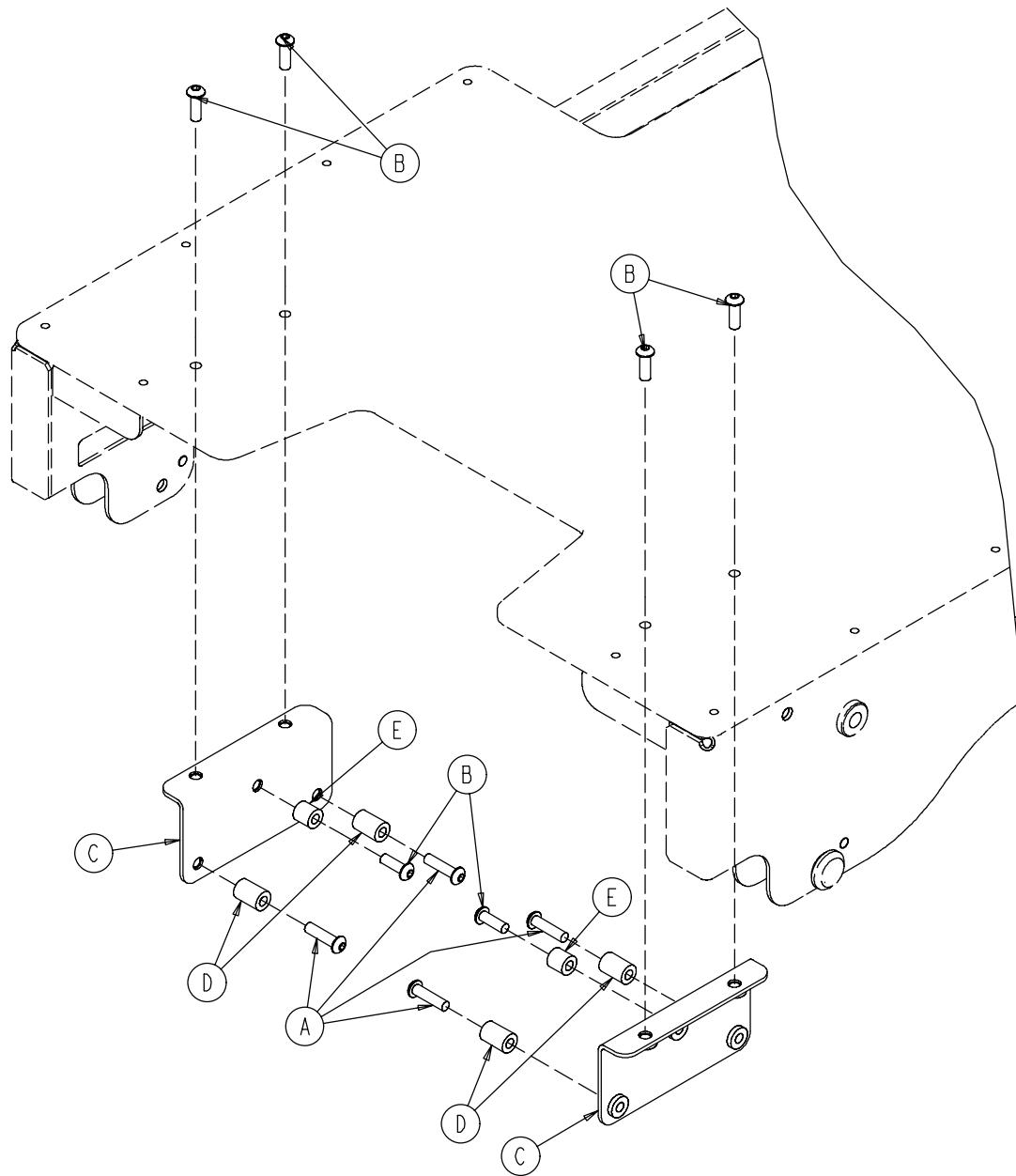
1033-134-000 Optional Cysto Pan Assembly

Chapter
Five
Assemblies
and
Parts Lists

Item	Part No.	Part Name	Qty.
C	1033-134-030	Inner Pan	1
D	1033-134-035	Outer Pan	1
E	(page 5-64)	Tray Assembly	1
F	(page 5-65)	Mounting Brackets	1

1033-134-040 Optional Cysto Tray Assembly

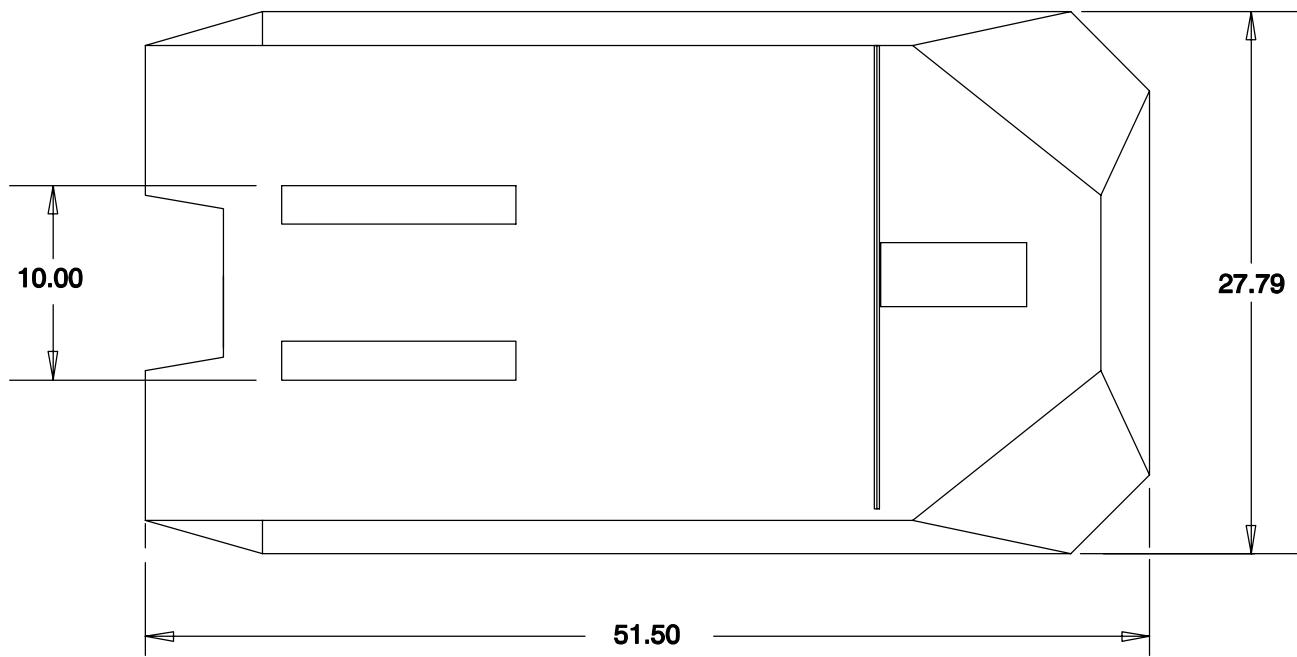
Item	Part No.	Part Name	Qty.
A	0025-157-000	Blind Rivet	1
B	0056-019-000	Bumper	1
C	1033-134-050	Tray Weldment	1

1033-134-020 Optional Cysto Pan Mounting Bracket Assembly

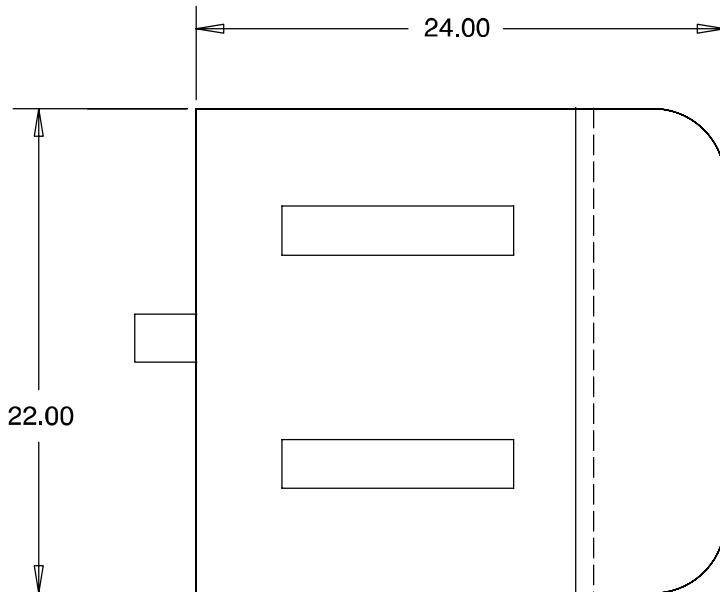
Chapter
Five
Assembly
Drawings
and
Parts Lists

Item	Part No.	Part Name	Qty.
A	0004-359-000	But. Hd. Cap Screw	4
B	0004-358-000	But. Hd. Cap Screw	6
C	1033-134-013	Mounting Bracket	2
D	0081-025-000	Bearing	4
E	0081-021-000	Bearing	2

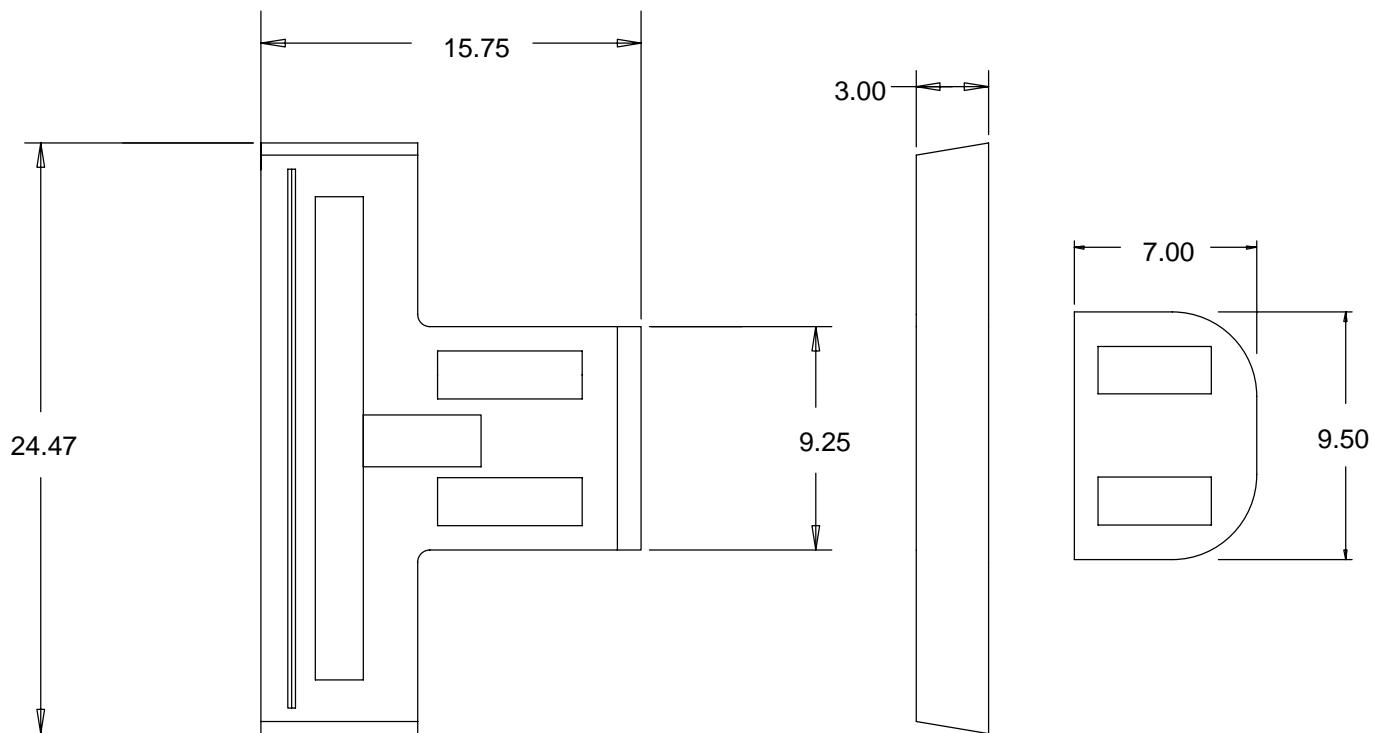
Mattresses



Chapter
Five
Assembly
Drawings
and
Parts Lists



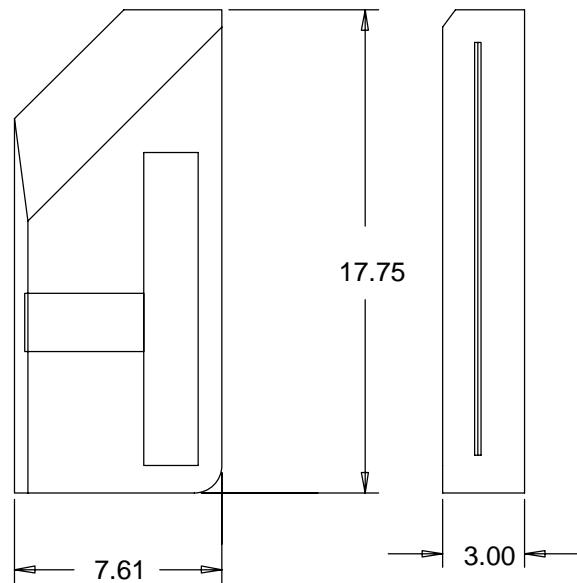
- Mattress Assembly, 3" Ultra-Comfort Set part # 1034-041-001
- Mattress Assembly, 3" Ultra-Comfort, Fowler/Seat Section part # 1034-041-010
- Mattress Assembly, 3" Ultra-Comfort, Foot Section part # 1034-041-020

Mattresses

Foot/Fowler Mattress part # 1034-132-025

Flat Head Pad part # 1034-133-010

Chapter
Five
Assembly
Drawings
and
Parts Lists



Foot/Fowler Pre-Op/Post-Op Pad, Right part # 1034-132-052

Foot/Fowler Pre-Op/Post-Op Pad, Left part # 1034-132-057



European Representative

Stryker France
BP 50040-95946 Roissy Ch. de Gaulle
Cedex-France

Phone: 33148632290
Fax: 33148632175

stryker®
Medical

6300 Sprinkle Road, Kalamazoo, MI 49001-9799

(800) 327-0770
www.strykermedical.com

CE

DH 2/03 1034-90-2 REV A